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AIR FORCE**

OCCUPATIONAL SURVEY REPORT



**AIRBORNE COMMUNICATIONS AND ELECTRONICS SYSTEMS
AFSC 1A3X1**

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**OCCUPATIONAL ANALYSIS PROGRAM
AIR FORCE OCCUPATIONAL MEASUREMENT SQUADRON
AIR EDUCATION and TRAINING COMMAND
1550 5th STREET EAST
RANDOLPH AFB, TEXAS 78150-4449**

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PREFACE

This report presents the results of an Air Force Occupational Survey of the Airborne Communications and Electronics Systems career ladder (AFSC 1A3X1). Authority for conducting an occupational survey is contained in AFI 36-2623. Copies of this report and pertinent computer printouts are distributed to the Air Force Career Field Manager, technical training school, all major using commands, and other interested operations and training officials.

Mr. Scott Vap, Inventory Development Specialist, developed the survey instrument. Ms. Kimberly Williams, Occupational Analyst, analyzed the data and wrote the final report. Mrs. Karen Tilghman provided computer-programming support, and Ms. Dolores Navarro provided administrative support. Major Jose Caussade, Chief, Airman Analysis Section, reviewed and approved this report for release.

Additional copies of this report may be obtained by writing to AFOMS/OMYXI, 1550 5th Street East, Randolph AFB TX 78150-4449, or by calling DSN 487-5543. For information on the Air Force occupational survey process or other on-going projects, visit our website at <https://www-r.omsq.af.mil/>. (Note: If you experience a Microsoft Word security problem after clicking on the above link, please copy the web address into the Address window in your web browser.)

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OCCUPATIONAL SURVEY REPORT (OSR)

AIRBORNE COMMUNICATIONS AND ELECTRONICS SYSTEMS (AFSC 1A3X1)

EXECUTIVE SUMMARY

1. Survey Coverage: The Airborne Communications and Electronics Systems career ladder was surveyed to obtain current task and equipment data for use in evaluating current training programs. The data will also be used to support Specialty Knowledge Test (SKT) development. Surveys were sent to 685 Active Duty (AD), 76 Air National Guard (ANG), and 50 Air Force Reserve Command (AFRC) personnel. Survey results were based on 466 members responding (424 AD, 23 ANG, and 19 AFRC).

2. Job Structure Analysis: A detailed analysis of the jobs being performed by DAFSC 1A3X1 members can be found in the combined OSR for AFSCs 1A3X1 and 1A5X1. A separate job structure analysis for AFSC 1A3X1 was not included in this OSR.

3. Career Ladder Progression: The career ladder progression for Airborne Communications and Electronics Systems members is typical of most career ladders. There was a distinction between the amount of time being spent on technical tasks from the 3-skill level to the 5-skill level and then to the 7-skill level. The DAFSC 1A371, 1A391, and 1A300 members are spending less time performing technical activities with a corresponding increase in management and supervisory activities, but these members are still spending a significant amount of time on technical airborne communications and electronics systems activities.

4. Training Analysis: The 1A3X1 Specialty Training Standard (STS), dated October 2000, was reviewed based on the survey data. Overall, the 1A3X1 STS was supported by the survey data, but several areas should be reviewed for possible revisions. A complete review of the STS has been provided to the technical school for evaluation and CFETP development.

5. Job Satisfaction Analysis: Job satisfaction among the majority of the 1A3X1 personnel was good. Overall, job satisfaction has increased over the past 3 years for the DAFSC 1A3X1 members with the most notable increases for the first-enlistment airmen. The 1A3X1 sample has significantly higher job satisfaction than the comparative sample of similar AFSCs surveyed in the previous 12 months, particularly for the first-term and career airmen.

6. Retention Dimensions: Several factors potentially influencing the decision to reenlist appeared in the Top 5 for all three 1A3X1 TAFMS groups, including pay and allowances, job security, and military lifestyle. The three TAFMS groups also indicated that pay and allowances and civilian job opportunities strongly influence their decision to separate.

7. Special Analyses – Aircraft Platform/Primary Mission/Level of Qualification/CONUS versus Overseas/MAJCOM: Commonalities and differences between members are revealed based on aircraft platform to which assigned, primary mission supported, level of qualification held, CONUS versus overseas assignment, and MAJCOM to which assigned.

INTRODUCTION

Air Force Occupational Measurement Squadron (AFOMS)

Occupational Analysis Program

Simply put, our mission is to provide occupational data for decisionmakers, allowing them to make informed personnel, training, and education decisions based not on opinion and conjecture, but on empirical, quantitative data.

Survey Development Process

An occupational survey begins with a job inventory (JI) -- a list of all the tasks performed by members of a given Air Force Specialty Code (AFSC) as part of their actual career field work (that is, additional duties and the like are not included). We strive to ensure that every function career field members perform is included by working very closely with technical training personnel, the Air Staff, and operational subject-matter experts (SMEs) to produce a task list that is complete and understandable to the typical job incumbent filling out the survey. The SMEs also ensure the task list is written to the same level of specificity across duty areas and that each task is mutually exclusive, that it is not covered in the task list more than once.

In addition to this comprehensive task list, job inventories include a number of background questions that deal with demographic information, job satisfaction, equipment usage, and any other area that our customers may desire to focus on.

Furthermore, the JI is only one of the surveys that AFOMS produces. The JI task list is used in creating several other surveys that are important for developing and refining career field training programs and for developing career field promotion tests; these surveys and how their results are used will be described shortly.

Survey Administration

The sample of members who receive the JI primarily depends on the size of the career ladder. We typically survey 100% of all eligible members in career ladders numbering 3,000 members or less. For career ladders larger than 3,000 assigned members, we select a random sample of half of the eligible members. Return rates (the percentage of surveys we receive back from the field) generally run 70% or greater. All this combines to produce very large and very representative samples in almost every study we conduct, compared to the samples obtained by private commercial surveying and marketing firms, and this in turn leads to highly accurate information about the work and demographics of the career field.

When the number of tasks is large, responding to the JI can be somewhat time-consuming for the Air Force member, but it is a simple process. Respondents are asked to examine each task and indicate whether they do or do not perform that task in their current job. They are then asked

to rate each task they marked on a scale of 1 to 9 based on how much relative time they spend performing that task in their present job.

Survey Analysis

Survey responses are processed using a set of computer programs called the Comprehensive Occupational Data Analysis Programs (CODAP). We are able to calculate some important basic information about each task from the information that respondents provide in the JI: the Percent Members Performing (PMP) and the Percent Time Spent (PTS). CODAP groups survey respondents according to their similarity of task performance, and our analysts study these groupings to identify distinct jobs. Further, we can provide PMP and PTS information for any subgroup. For example, we can easily determine the percent of E-5s or 3-skill-level or first-term airmen who perform each task, and estimate the average amount of job time they spend performing it. This is important because many of the applications of our data target particular subgroups within the career ladder.

Uses of Survey Data

Survey results are formally reported in an **Occupational Survey Report (OSR)** -- what you are currently reading -- but the OSR is by no means the only product of an occupational survey study. The OSR provides a high-level "snapshot" of an entire AFSC in a compact package, but it is not intended to provide the comprehensive information needed to support important decisions about a career field. That is the purpose of "data extracts", which are comprehensive, detailed sets of CODAP-generated reports designed for particular applications.

The Training Extract -- AFOMS survey data are essential to technical training professionals. The Training Extract provides information about what career ladder incumbents are actually doing in their jobs at each stage of their career, along with supporting information regarding when and how members should be trained to perform their jobs. The data found in the Training Extract regarding first-job, first-term, and 3-skill-level members are the *primary source of empirical information* available to support such decisions.

In addition to the JI, AFOMS produces two other surveys that directly support the training community. Depending on the size of the career ladder, a sample of at least 50 and frequently 100 or more 7-skill-level craftsmen is selected to complete a Training Emphasis (TE) survey. A similar-sized sample of other 7-skill-level craftsmen is selected to complete a Task Difficulty (TD) survey.

The TE survey, like the JI, contains the complete career ladder task list, and, like the JI, respondents are asked to rate tasks on a 0 to 9 scale. Unlike the JI, however, respondents are asked to rate tasks based on how much emphasis they believe should be placed on that task for entry-level structured training. A "0" indicates the respondent's belief that no structured training is required for that task, while a "1" indicates the respondent's belief that very little emphasis be placed on providing structured training on that task. A rating of "9" indicates that it is essential to provide structured training on the task. Structured training is defined as resident technical schools, field training detachments, mobile training teams, formal on-the-job training (OJT), or

any other organized training method. The responses of the entire sample of raters are averaged for each task resulting in a TE rating for each task.

The TD survey also contains the full task list and requests that respondents rate each task on a scale of 1 to 9 (“1” is low, “9” is high), but this time respondents are asked to rate the amount of time needed to learn to perform that task satisfactorily. In other words, as the name implies, TD is an indicator of how difficult the task is to learn to do. The sample's *average* TD for each task in the inventory is standardized with a mean rating of 5.0 and a standard deviation of 1.0.

When used in conjunction with the PMP and PTS for first-enlistment members, average TE and TD ratings provide insight into the appropriate training requirements for new personnel in the career ladder. These four indices (PMP, PTS, TE, and TD) are used to compute a composite index, the Automated Training Indicator (ATI), for each task. The ATI expresses in a single number between 1 and 18 (“1” is low, “18” is high) the importance of including training for that task in the initial resident technical course. ATIs allow training developers to quickly focus attention on those tasks that are most likely to qualify for resident course consideration. Further information concerning TE and TD ratings and ATIs for the entire task list can be found in the Training Extract that accompanies this OSR.

The major users of Training Extract information are attendees at Utilization and Training Workshops (U&TWs). The U&TW is a summit of representative career ladder, training, and classification leaders whose purpose is to evaluate current training efficiency and effectiveness in order to propose and approve changes to the Specialty Training Standard (STS) or Course Training Standard (CTS), particularly with regard to 3-skill-level training, and to address utilization issues. The AFSC's job description in Attachment 6 of AFMAN 36-2108, *Enlisted Classification*, is reviewed in light of the survey data and appropriately revised to reflect the jobs being performed by the career ladder members.

Part of the process of compiling the Training Extract involves the *STS matching* process, during which technical school personnel match JI tasks to STS elements; that is, they tell us what particular task or tasks correspond to each STS element when it is covered in training. This is especially useful when STS performance codes are being reviewed for the 3-skill-level course. For example, the U&TW attendees might be asked to consider adding a task performance code to an STS element that has only been trained to a knowledge level previously. Occupational survey data are an important input in determining the appropriate proficiency code. Separate Training Extracts are produced for Active Duty (AD), Air National Guard (ANG), and Air Force Reserve Component (AFRC) members.

The Specialty Knowledge Test (SKT) Extract -- AFOMS survey data are key to ensuring that SKTs are valid. SKTs are an important part of the Weighted Airman Promotion System (WAPS). Because an airman's test score is frequently the deciding factor in determining who is promoted, SKTs must be valid, fair, and credible.

In terms of SKTs, *valid* means that every question on the test is tied to a task which has been shown to be important to successful performance in the specialty. This tie is crucial to documenting the validity of SKT content.

AFOMS surveys provide test writers with information on what percentage of airmen are performing tasks (PMP), an estimate of how much job time they spend performing tasks (PTS), how difficult tasks are to master (TD), and the importance of formal training on tasks (TE). This information is combined to produce a composite index called the Predicted Testing Importance (PTI). Those tasks that are rated highest in PTI are ones that tend to be high in all four of our primary indices -- PMP, PTS, TD, and TE -- exactly the kinds of tasks that one would consider job-essential and critical for incumbents to know and thus be tested on. PTI information is used for minor test revisions; how it is used will be explained shortly.

Field-validated testing importance (FVTI) data are produced for major test revisions. Approximately 6 months before the start of test development, a sample of 100 senior career field NCOs are sent a survey containing a list of tasks rated highest in PTI. Respondents are asked to provide a 1-7 rating ("1" is low, "7" is high) of how important they believe it is to include a question concerning that task on the SKT. The responses are averaged for each task, yielding the FVTI index -- a direct measure of the opinions of career field experts as to what constitutes "job-essential" knowledge.

PTI and FVTI information is included in the SKT Extract, which is specifically tailored for use by the SKT teams who come to AFOMS to write the promotion examinations. Two sets of reports are prepared -- one set uses only data for E-5s and the other uses combined data for E-6s and E-7s. Each report gives the SKT team information on every task's PMP, PTS, and PTI, and, for major test revisions, FVTI data. Occupational survey data are thus the only objective source of information available to the team regarding how to make the test they write meet legal requirements for validity and fairness.

The Analysis Extract -- The Analysis Extract is an archive of all the data collected in the course of a study that are not incorporated in one of the other extracts. We typically produce separate Analysis Extracts for AD and ANG/AFRC members. The Analysis Extract is usually an enormous document, a compilation of the many reports that "slice and dice" the data in virtually every potentially useful way. Just about any question anyone has regarding career ladder work, personnel, or training and utilization issues can be answered by consulting one or another of the reports in the Analysis Extract.

The Occupational Survey Report (OSR) -- This document, the OSR, captures survey data and analysis both in breadth and depth. For ease of reading, the first half of the OSR concentrates on breadth with compelling factors and implications across the specialty. The ensuing appendices show depth with regard to these factors and implications, primarily in tabular format. Where appropriate, highlights of the tables are contained in the body. The reader will find tables in their entirety in the appendices.

OCCUPATIONAL SURVEY REPORT (OSR)
AIRBORNE COMMUNICATIONS AND ELECTRONICS SYSTEMS
(AFSC 1A3X1)

This is a report of an occupational survey of the Airborne Communications and Electronics Systems career ladder, conducted by the Occupational Analysis Flight, AFOMS. The OSR reports the findings of current data that are available for use in guiding the development and evaluation of training and support planned changes within this career ladder. In addition, the data are used to support SKT development.

An OSR for a combined DAFSC 1A3X1 and DAFSC 1A5X1 (Airborne Missions Systems) survey was also completed (dated August 2002) based on the 2001 survey administration to provide data for training decisions and to support the potential merger of these two career ladders. A separate OSR (dated August 2002) was completed for the 1A5X1 career ladder.

Career Ladder Background

According to the Specialty Description in AFMAN 36-2108, *Enlisted Classification*, dated 30 April 2002, personnel in the 1A3X1 career ladder perform aircrew functions on various airborne platforms. They operate, inspect, troubleshoot, and perform maintenance on airborne communications and electronics systems. In addition, these members perform preflight and postflight inspections of communications and electronics systems and supervise and instruct communications and electronics systems personnel in operation, repair, and test procedures. They are responsible for initializing, operating, inspecting, monitoring, testing, troubleshooting, isolating malfunctions, and repairing radio, audio, distribution, data, cryptologic, satellite communications, multiplex, electronic warfare (EW), intercept, analysis, recording, broadcasting, imaging, and computer equipment.

The initial technical training school for this AFSC is located at Keesler AFB MS. The E3ABR1A331 004, Airborne Communications and Electronics Systems Apprentice, course is 11 weeks and 3 days long and provides graduates with the knowledge and skills for the following principles and activities:

- Tuning, performance testing, and adjustment of VHF, UHF, and HF systems, audio distribution system, baseband switching system, automatic direction finding, and the use of related test equipment;
- Introduction to flightline practices, use of maintenance and inspection forms, and safety and security directives;
- Principles of transmitters, receivers, antennas, tuners and electronic and electromechanical tuning systems;

- Operation of airborne voice systems for the transmission and reception of radio messages;
- Maintenance of records and radio logs;
- System and component troubleshooting procedures

Entry into AFSC 1A3X1 requires an Armed Forces Vocational Aptitude Battery (ASVAB) “Electrical” score of 67 and a Strength requirement of “G” (weight lift of 40 lb). For entry, award, and retention of these AFSCs, members must meet the following qualifications:

- Qualification for aviation service according to AFI 11-402, *Aviation and Parachutist Service, Aeronautical Ratings and Badges*;
- Physical qualification for aircrew duty according to AFI 48-123, *Medical Examination and Standards, Class III Medical Standard*, and voice communications operations

For award and retention of these AFSCs, members must be eligible for a Top Secret security clearance according to AFI 31-501, *Personnel Security Program Management*. **NOTE:** Award of the 3-skill level without a final Top Secret (TS) clearance is authorized provided an interim TS has been granted according to AFI 31-501.

SURVEY METHODOLOGY

Inventory Development

The data collection instrument for this occupational survey was USAF Job Inventory (JI) Occupational Survey Study Number (OSSN) 2481 (AFSC 1A3X1), dated October 2001. During the development of the comprehensive task list covering tasks performed by members in the 1A3X1 career ladder, 62 subject-matter experts (SMEs) were interviewed from 10 operational bases and one training unit. In addition to the standard background questions, the survey requested the following information: base of assignment; command of assignment; job satisfaction and reenlistment intentions; number of deployments and days TDY; job title; work or functional area; aircraft platform to which assigned; primary mission performed; emergency equipment contained on aircraft supported; and communications or electronics equipment or systems used, operated, or maintained. The inventory listed 530 tasks grouped under eight duty headings and a background section. (The complete task list is available on the CD-ROM containing the products from this study.)

<u>BASE</u>	<u>REASON FOR VISIT</u>
Keesler AFB MS	Technical Training School
Randolph AFB TX	1A3X1 SKT team
Langley AFB VA	ACC Functional Manager
Offutt AFB NE	EC-135, RC-135, and E-4
Tinker AFB OK	E-3
Robins AFB GA	E-8
Davis-Monthan AFB AZ	EC-130
Hurlburt Fld FL	MC-130 (Active Duty)
Duke Fld FL	MC-130 (Reserve)
Harrisburg IAP PA	C-130 (Reserve); psychological operations
Andrews AFB MD	Special air missions (SAM)

1A3X1 Survey Administration

From October 2001 to February 2002, the survey control monitor at the technical training school and operational bases administered the inventory to all eligible DAFSC 1A331, 1A351, 1A371, 1A391, and 1A300 AD, ANG, and AFRC personnel. Members ineligible to take the survey included the following: (1) hospitalized members; (2) members in transition for a permanent change of station; (3) members retiring within the time the inventories were administered to the field; and (4) members who had been in their present jobs for less than

6 weeks. Participants were selected from a computer-generated mailing list obtained from data tapes maintained by the Air Force Personnel Center, Randolph AFB TX.

Survey Sample

The data on survey returns were examined to ensure that the final sample reflected an accurate representation across major commands (MAJCOMs), paygrades, and skill levels. [Table 1](#) shows the distribution of the survey sample by MAJCOM, while [Table 2](#) reflects the survey distribution by paygrade groups. [Table 3](#) reveals the final sample distribution by skill level.

TABLE 1

MAJCOM REPRESENTATION OF TOTAL SAMPLE		
COMMAND	PERCENT OF ASSIGNED*	PERCENT OF SAMPLE
ACC	47	50
AIA	12	13
AMC	7	10
AFSOC	7	3
PACAF	4	4
EUR	3	4
AETC	2	2
AFMC	2	3
OTHER**	2	2
ANG	8	5
AFRC	6	4
TOTAL ASSIGNED*		918
TOTAL ELIGIBLE		814
TOTAL SURVEYS MAILED		811
TOTAL IN SAMPLE (ALL COMPONENTS)		466
	<i>AD</i>	424
	<i>ANG</i>	23
	<i>AFRC</i>	19
PERCENT OF ASSIGNED IN SAMPLE		51%
PERCENT OF ELIGIBLE IN SAMPLE		57%
PERCENT OF MAILED IN SAMPLE		57%

* As of Oct 01

** "Other" includes USAFE, STRATCOM, USSOCOM, AFOTEC, & AF Elements Defense Information Systems Agency (DISA)

TABLE 2

PAYGRADE DISTRIBUTION OF SAMPLE		
PAYGRADE	PERCENT OF ASSIGNED**	PERCENT OF SAMPLE
E-2	*	*
E-3	11	7
E-4	16	16
E-5	30	30
E-6	22	26
E-7	16	16
E-8/E-9	4	4
* Indicates less than 1%		
** As of Oct 01		

TABLE 3

SKILL-LEVEL DISTRIBUTION OF SAMPLE		
SKILL LEVEL	PERCENT OF ASSIGNED**	PERCENT OF SAMPLE
1A331	8	8
1A351	48	50
1A371	40	38
1A391	3	3
1A300	*	1
* Indicates less than 1%		
** As of Oct 01		

The Command, Paygrade, and Skill-Level distributions of the survey sample are close to the percent assigned, indicating that the sample is a true representation of the career ladder population assigned to the MAJCOMs.

JOB STRUCTURE ANALYSIS

A comprehensive job structure analysis can be found in the combined OSR for AFSC 1A3X1 and AFSC 1A5X1. The computer-generated diagram displaying jobs being performed by DAFSC 1A3X1 members mirrored the diagram displaying the jobs being performed by the 1A3X1 members in the combined sample of DAFSC 1A3X1 and DAFSC 1A5X1 members. Therefore, a separate 1A3X1 job structure analysis was not included in this OSR.

SKILL AND EXPERIENCE ANALYSIS

An analysis of DAFSC groups in conjunction with the analysis of the career ladder structure is an important part of each OSR. This information may be used to evaluate how well career ladder documents, such as AFMAN 36-2108, *Enlisted Classification*, reflect what career ladder personnel are actually doing in the field.

TOTAL SAMPLE

Duties

[Table 4](#) – Time spent on duties by members of 1A3X1 skill-level groups

- Members holding 3- through 9-skill levels spending most of their time performing tasks in Duty B (Performing Operations or Maintenance of Communications or Electronics Systems)
- Chief Enlisted Manager (CEM) members spending majority of their time performing Management and Supervisory Activities (Duty E)

Tasks

[Table 5](#) – Representative tasks being performed by DAFSC 1A331 members

[Table 6](#) – Representative tasks being performed by DAFSC 1A351 members

[Table 7](#) – Representative tasks being performed by DAFSC 1A371 members

[Table 8](#) – Representative tasks being performed by DAFSC 1A391 members

[Table 9](#) – Representative tasks being performed by DAFSC 1A300 members

ACTIVE DUTY

Duties

[Table 10](#) – Time spent on duties by members of AD 1A3X1 skill-level groups

- Similar to members in total sample, AD members at 3- through 9-skill levels spending majority of their time Performing Operations or Maintenance of Communications or Electronics Systems (Duty B)
- AD DAFSC 1A391 members spending 7% more time Performing Management and Supervisory Activities (Duty E) compared to 9-skill-level members in total sample

Tasks

[Table 11](#) – Representative tasks being performed by AD DAFSC 1A331 members

[Table 12](#) – Representative tasks being performed by AD DAFSC 1A351 members

[Table 13](#) – Representative tasks being performed by AD DAFSC 1A371 members

[Table 14](#) – Representative tasks being performed by AD DAFSC 1A391 members

[Table 15](#) – Representative tasks being performed by AD DAFSC 1A300 members

ANG

Duties

[Table 16](#) – Time spent on duties by ANG members of 1A3X1 skill-level groups

- ANG members at all three 1A3X1 skill levels spend most of their time Performing Operations or Maintenance of Communications or Electronics Systems (Duty B); however, 17% decrease in time spent in this area as move from 5- to 7-skill level
- Slight increase in time spent Performing Mission Planning, Premission, or Preflight Activities (Duty A), Performing Mobility and Contingency Activities (Duty D), Performing Management and Supervisory Activities (Duty E), and Performing General Administrative and Technical Order (TO) System Activities (Duty G) as progress from 5- to 7- to 9-skill level
- Differences in amount of time spent in each area by ANG members at all three skill levels not as significant as differences between AD members at same skill levels

Tasks

[Table 17](#) – Tasks performed by ANG DAFSC 1A351 members

[Table 18](#) – Tasks performed by ANG DAFSC 1A371 members

[Table 19](#) – Tasks performed by ANG DAFSC 1A391 members

AFRC

Duties

[Table 20](#) – Time spent on duties by AFRC members of DAFSC 1A3X1 5- and 7-skill-level groups

- 7-skill-level members spending more time than 5-skill-level members Performing Mission Planning, Prepermission, or Preflight Activities (Duty A) but less time Performing Operations or Maintenance of Communications or Electronics Systems (Duty B)

Tasks

[Table 21](#) – Tasks performed by AFRC DAFSC 1A351 members

[Table 22](#) – Tasks performed by AFRC DAFSC 1A371 members

TRAINING ANALYSIS

Occupational survey data are a source of information that can assist in the development or evaluation of training programs for both entry-level and advanced members. In particular, the factors used to evaluate entry-level member training include the jobs that are being performed by first-enlistment personnel (1-48 months' TAFMS), the percent of first-enlistment members who perform specific tasks, and ratings of relative training emphasis (TE) and task difficulty (TD). (TE and TD ratings are discussed in the Task Factor Administration section of this OSR.)

WHAT ENTRY-LEVEL MEMBERS NEED TO KNOW

First-Enlistment Personnel (1–48 months' TAFMS)

N=70 (15% of sample)

Duties

[Table 23](#) – Relative time spent on duties

Tasks

[Table 24](#) – Representative tasks performed

Equipment and Systems

[Table 25](#) – Emergency equipment contained on aircraft supported by first-enlistment personnel

[Table 26](#) – Communications or electronics equipment and systems used, operated, or maintained by first-enlistment personnel

TASK FACTOR SURVEYS

Job descriptions alone do not provide sufficient data for making decisions about career ladder documents or training programs. Task factor information, along with data from the Specialty Training Standard (STS), is needed for a complete analysis of the career ladder. To obtain the needed task factor data, selected DAFSC 1A3X1 members (generally E-6 or E-7 craftsmen) completed either a training emphasis (TE) or task difficulty (TD) survey. To obtain the needed STS data, STS 1A3X1 was reviewed by comparing survey data to STS elements.

Task Factor Administration

TE and TD data can help training development personnel decide which tasks to emphasize for entry-level, structured training (resident technical schools, field training detachments, mobile training teams, formal OJT, or any other organized training method). For example, tasks receiving high TE and TD ratings generally warrant resident training if they are also performed by a moderate-to-high percentage of first-job or first-enlistment members. Tasks receiving high TE and/or TD ratings but being performed by relatively low percentages of first-job or first-enlistment members may be more appropriately planned for structured OJT programs within the career ladder. Low TE and/or TD ratings may highlight tasks best omitted from training for new personnel. These task factors are, of course, not the only ones to weigh in making training decisions; the percentages of personnel performing the tasks, command concerns, the criticality of the tasks, and other important factors must also be carefully considered.

Training Emphasis (TE) — degree of emphasis that should be placed on each task for structured training of entry-level members

- Thirty-eight DAFSC 1A3X1 senior noncommissioned officers (NCOs) rated tasks in the inventory on a scale from 0 (no training required) to 9 (extremely high training emphasis)
- Average TE rating was 1.71 with a standard deviation of 1.31
 - If a task has a TE rating at least one standard deviation above the mean, that is, of at least 3.02, it is probably important to provide new personnel with formal training on that tasks

[Table 27](#) – Tasks with highest TE ratings

- Most tasks with high TE ratings are from Duty A (Performing Mission Planning, Permission, or Preflight Activities) and Duty B (Performing Operations or Maintenance of Communications or Electronics Systems)

Task Difficulty (TD) — amount of time needed to learn to perform that task satisfactorily

- Thirty-four DAFSC 1A3X1 senior NCOs rated difficulty of tasks in inventory using a scale from 1 (extremely low difficulty) to 9 (extremely high difficulty)
- TD ratings are normally adjusted so that tasks of average difficulty have a value of 5.00 and a standard deviation of 1.00
 - Any task with a difficulty of 6.00 or greater is therefore considered difficult to learn

[Table 28](#) – Tasks with highest TD ratings

- Also lists percent members performing these tasks by groups of 1-24 months' and 1-48 months' TAFMS, as well as members of the 3-, 5-, 7-, and 9-skill-level groups and CEM group
- Tasks dealing with making repairs on certain systems or equipment within Duty B (Performing Operations or Maintenance of Communications or Electronics Systems) received the highest TD ratings
- Unlike the listing of tasks with highest TE ratings, however, most tasks with highest TD ratings have low percent members performing
 - This pattern is typical across many career fields because relatively few members perform most difficult tasks

WHAT DOES THE TRAINING DOCUMENT REFLECT?

Specialty Training Standard (STS) Analysis

Technical school personnel from the 332nd Training Squadron (332 TRS), Keesler AFB MS, matched JI tasks to STS 1A3X1 items. Per AETCI 36-2601, dated 14 July 1999, STS elements that are performed by at least 20% of members in appropriate skill-level groups [particularly first-job (1-24 months' TAFMS) members and first-enlistment (1-48 months' TAFMS) members] should be included in the STS. Of course, these are not the only criteria for inclusion in the STS, and other rational considerations may argue against inclusion. Likewise, proficiency-coded elements matched to tasks with less than 20% performing in first-job and first-enlistment groups should be closely reviewed by subject-matter experts, unless other considerations (such as mission criticality or criticality to a particular MAJCOM) argue for inclusion of these "unsupported items." The STS was analyzed to determine whether the survey data supported the existing STS elements and/or proficiency codes.

[Table 29](#) – AFSC 1A3X1 STS elements not supported by survey data; no proficiency code and more than 20% DAFSC 1A3X1 members performing

- Complete listing of tasks not supported by survey data located at end of 1A3X1 STS report in Training Extract
- STS elements with no proficiency code that were matched to tasks being performed by more than 20% of the first-job and/or first-enlistment members should be reviewed for possible proficiency code revision

[Table 30](#) – Examples of tasks not referenced to AFSC 1A3X1 STS with 20% or more DAFSC 1A3X1 first-job and/or first-enlistment members performing

- Complete listing of tasks not referenced to AFSC 1A3X1 STS located at end of 1A3X1 STS report in Training Extract; tasks should be reviewed for possible inclusion in STS

Overall, the 1A3X1 STS is supported by the survey data.

JOB SATISFACTION ANALYSIS

An examination of job satisfaction indicators can give career ladder managers a better understanding of factors that may affect the job performance of career ladder airmen. The survey included attitude questions covering job interest, perceived utilization of talents and training, sense of accomplishment from work, and reenlistment intentions.

Job Satisfaction

Overall = Good

[Table 31](#) – Job satisfaction ratings for current 1A3X1 members and previous 1A3X1 study

- Overall, job satisfaction ratings have increased for all three TAFMS groups over past 3 years; job interest and sense of accomplishment increased most significantly for first-enlistment members
- Reenlistment intentions have increased slightly for all TAFMS groups

[Table 32](#) – Comparative job satisfaction data between the current 1A3X1 OSR data and members from similar AFSCs surveyed in the previous 12 months, including 1C3X1, Command Post, and 1C4X1, Tactical Air Command and Control. The results from the comparison data are summarized below:

- Overall, job satisfaction ratings for all three TAFMS groups comprised of the 1A3X1 members are higher versus the comparative sample, particularly for job interest and sense of accomplishment among first-term and career airmen
- However, reenlistment intentions for first-enlistment and second-enlistment members are same or lower versus their 1C3X1 and 1C4X1 peers

[Table 33](#) – Job satisfaction data for DAFSC 1A3X1 members based on aircraft platform to which assigned

- Job interest - highest among members assigned to C-37, EC-135, and VC-25; lowest among members assigned to E-3, EC-130, and HC-130
- Perceived use of talents - highest among C-37 and VC-25 members; lowest among E-3, E-4, EC-135, and HC-130 members
- Perceived use of training - highest among members assigned to C-20, E-8, RC-135, and VC-25; lowest among members assigned to HC-130 and OC-135
- Sense of accomplishment - highest among C-32, C-37, and VC-25 members; lowest among members assigned to EC-130, EC-135, and HC-130

- Reenlistment intentions - highest among members assigned to C-37, EC-135, and VC-25; lowest among members assigned to E-3, E-4, HC-130, and RC-135

[Table 34](#) – Job satisfaction data for DAFSC 1A3X1 members based on primary mission performed

- Job interest - highest among members performing Open Skies or Combat Sent missions or performing Special Airlift Missions (SAM); lowest among members performing Rescue or ABCCC missions
- Perceived use of talents - highest among members performing Senior Scout, SAM, and Compass Call missions; lowest among members performing Rescue or ABCCC missions or working in a staff position
- Perceived use of training - highest among members performing Combat Sent, JSTARS, or Senior Scout missions or working in a technical training environment; lowest among members performing Open Skies or Rescue missions or working in a Staff position
- Sense of accomplishment - highest among members performing Open Skies or Combat Sent missions or performing SAM; lowest among members performing ABCCC or Rescue missions
- Reenlistment intentions - highest among members performing OSA, NATO AWACS, or CINC Support missions; lowest among members performing AWACS (not NATO), NAOC, Rivet Joint, or Rescue missions

RETENTION DIMENSIONS

JIs also routinely collect information about factors that affect reenlistment and separation decisions. That is, respondents who say that they are likely to reenlist at the end of their present term (and those not eligible for retirement) are asked to indicate whether each of 31 different factors will have any effect on their intended decision and, if so, the degree to which each factor may influence their decision to reenlist. Respondents who indicate that they are likely to separate at the end of their present term (and those not eligible for retirement) are asked to indicate whether each of 31 different factors will have any effect on their intended decision and, if so, the degree to which each factor may influence their decision to separate. The degree is indicated on a 3-point scale ranging from “slight influence” to “strong influence.”

Reenlistment

[Table 35](#) – Lists the 31 factors in the order they appeared in the survey. The percent selecting each factor and the average rating for each factor by 1A3X1 TAFMS groups based on how much each factor may influence their decision to reenlist are also shown.

- Top 5 reasons members may choose to [reenlist](#) based on the highest percentages selecting each factor are listed below Table 35
 - Pay and allowances, job security, and military lifestyle appeared for each of the three TAFMS groups as top reasons for reenlisting
 - Retirement benefits were also a major influence on reenlistment for second-enlistment members and career airmen

Separation

[Table 36](#) – Displays the percentage of the members for each 1A3X1 TAFMS group indicating that their plans to separate may be influenced by each factor as well as the average ratings by TAFMS group for the 31 factors based on the influence each factor may have on the respondents’ decisions to separate

- Top 5 reasons members in each TAFMS group may choose to [separate](#) based on the highest percentages selecting each factor are listed below Table 36
 - Pay and allowances and civilian job opportunities are among the top five factors that may influence the respondents’ decisions to separate for each TAFMS group
 - Military lifestyle may also be significant factor in decision to separate for first- and second-enlistment members

SPECIAL ANALYSES:

AIRCRAFT PLATFORM/PRIMARY MISSION/ LEVEL OF QUALIFICATION/CONUS VERSUS OVERSEAS/MAJCOM

Special analyses of specific groups were requested by the Air Force Career Field Manager, the MAJCOM Functional Managers, and technical training personnel to provide data based on aircraft platform to which assigned, primary mission supported, level of qualification held, CONUS versus overseas location of assignment, and MAJCOM to which assigned. This data may assist in personnel utilization, classification, and curriculum development decisions. The tables for the special analyses provide a summary of the requested data and are not intended to represent the entire picture for each comparison. Much more detailed reports are provided in the Analysis Extract and the Training Extract available on the CD-ROM.

Aircraft Platform

[Table 37](#) – Time spent on duties by DAFSC 1A3X1 members based on aircraft platform to which assigned

- Members assigned to C-37 spending more time Performing Mission Planning, Prepermission, or Preflight Activities (Duty A) than members assigned to any other aircraft
- RC-135 members spending more time Performing Operations or Maintenance of Communications or Electronics Systems (Duty B)
- Members assigned to OC-135 spending more time Performing General Airborne Communications or Mission Systems Activities (Duty C), Performing Management and Supervisory Activities (Duty E), and Performing General Supply and Equipment Activities (Duty H) than remaining members of final sample
- HC-130 members spending more time Performing Mobility and Contingency Activities (Duty D) than other members performing similar activities
- Members assigned to MC-130 spending more time Performing General Administrative and Technical Order (TO) System Activities (Duty G)
- Most time being spent Performing Training Activities (Duty F) by C-32 and OC-135 members

[Tables 38 – 51](#) Tasks being performed by highest percentages of 1A3X1 members based on aircraft to which assigned; average number of tasks performed for each aircraft group is also shown

[Table 38](#) – Representative tasks performed by C-20 personnel

[Table 39](#) – Representative tasks performed by C-32 personnel

[Table 40](#) – Representative tasks performed by C-37 personnel

[Table 41](#) – Representative tasks performed by C-135 personnel

[Table 42](#) – Representative tasks performed by E-3 personnel

[Table 43](#) – Representative tasks performed by E-4 personnel

[Table 44](#) – Representative tasks performed by E-8 personnel

[Table 45](#) – Representative tasks performed by EC-130 personnel

[Table 46](#) – Representative tasks performed by EC-135 personnel

[Table 47](#) – Representative tasks performed by HC-130 personnel

[Table 48](#) – Representative tasks performed by MC-130 personnel

[Table 49](#) – Representative tasks performed by OC-135 personnel

[Table 50](#) – Representative tasks performed by RC-135 personnel

[Table 51](#) – Representative tasks performed by VC-25 personnel

Primary Mission

[Table 52](#) – Time spent on duties by DAFSC 1A3X1 members based on primary mission supported

- Members performing Rescue mission spending more time Performing Mission Planning, Premission, or Preflight Activities (Duty A) and Performing Mobility and Contingency Activities (Duty D) than members performing other missions
- Rivet Joint members spending more time Performing Operations or Maintenance of Communications or Electronics Systems (Duty B)
- Members performing the Open Skies mission spending more time Performing General Airborne Communications or Mission Systems Activities (Duty C) and Performing General Supply and Equipment Activities (Duty H) than remaining members of final sample; Open Skies members also spending more time Performing Management and Supervisory Activities (Duty E) than other members with exception of Staff and Technical Training members

- Cobra Ball members spending more time Performing Training Activities (Duty F), such as conducting continuation training and conducting ground training, than other members performing training-related activities outside of Staff and Technical Training members
- Members performing CINC Support mission spending more time Performing General Administrative and Technical Order (TO) System Activities (Duty G)

[Tables 53 – 70](#) Tasks being performed by highest percentages of 1A3X1 members based on primary mission supported; average number of tasks performed for each mission is also shown

[Table 53](#) – Representative tasks performed by ABCCC personnel

[Table 54](#) – Representative tasks performed by AWACS, OTHER THAN NATO, personnel

[Table 55](#) – Representative tasks performed by COBRA BALL personnel

[Table 56](#) – Representative tasks performed by COMBAT SENT personnel

[Table 57](#) – Representative tasks performed by COMBAT SHADOW personnel

[Table 58](#) – Representative tasks performed by CINC SUPPORT personnel

[Table 59](#) – Representative tasks performed by COMPASS CALL personnel

[Table 60](#) – Representative tasks performed by JSTARS personnel

[Table 61](#) – Representative tasks performed by NAOC personnel

[Table 62](#) – Representative tasks performed by NATO AWACS personnel

[Table 63](#) – Representative tasks performed by OPEN SKIES personnel

[Table 64](#) – Representative tasks performed by OPERATIONAL SUPPORT AIRLIFT personnel

[Table 65](#) – Representative tasks performed by RESCUE personnel

[Table 66](#) – Representative tasks performed by RIVET JOINT personnel

[Table 67](#) – Representative tasks performed by SENIOR SCOUT personnel

[Table 68](#) – Representative tasks performed by SPECIAL AIR MISSIONS personnel

[Table 69](#) – Representative tasks performed by STAFF personnel

[Table 70](#) – Representative tasks performed by TECHNICAL TRAINING personnel

Level of Qualification

[Table 71](#) – Time spent on duties by DAFSC 1A3X1 members based on level of qualification

- Aircrew members spending more time Performing Mission Planning, Prepermission, or Preflight Activities (Duty A) and Performing Operations or Maintenance of Communications or Electronics Systems (Duty B) than Aircrew Examiners, Aircrew Instructors, and Non-Aircrew members

[Table 72](#) – Representative tasks performed by Aircrew Examiner personnel

[Table 73](#) – Representative tasks performed by Aircrew Instructor personnel

[Table 74](#) – Representative tasks performed by Aircrew Member personnel

[Table 75](#) – Representative tasks performed by Non-Aircrew personnel

CONUS versus Overseas

[Table 76](#) – Time spent on duties by AD DAFSC 1A351 members based on CONUS versus overseas assignment

- CONUS members spending more time Performing Mission Planning, Prepermission, or Preflight Activities (Duty A) and Performing General Airborne Communications or Mission Systems Activities (Duty C)
- Overseas members spending more time Performing Operations or Maintenance of Communications or Electronics Systems (Duty B)

[Table 77](#) – Representative tasks performed by AD DAFSC 1A351 CONUS personnel

[Table 78](#) – Representative tasks performed by AD DAFSC 1A351 OVERSEAS personnel

MAJCOM

[Table 79](#) – Time spent on duties by DAFSC 1A3X1 members based on MAJCOM

- No significant differences in amount of time being spent performing technical Airborne Communications and Electronics Systems activities between ACC, PACAF, and EUR members

TABLE 4

TIME SPENT ON DUTIES BY MEMBERS OF DAFSC 1A3X1 SKILL-LEVEL GROUPS
(PERCENT RESPONDING)

DUTIES	1A331 (N=38)	1A351 (N=234)	1A371 (N=175)	1A391 (N=13)	1A300 (N=6)
A PERFORMING MISSION PLANNING, PREMISSION, OR PREFLIGHT ACTIVITIES	23	18	16	16	15
B PERFORMING OPERATIONS OR MAINTENANCE OF COMMUNICATIONS OR ELECTRONICS SYSTEMS	47	45	38	31	20
C PERFORMING GENERAL AIRBORNE COMMUNICATIONS OR MISSION SYSTEMS ACTIVITIES	13	12	12	13	13
D PERFORMING MOBILITY AND CONTINGENCY ACTIVITIES	7	6	5	6	4
E PERFORMING MANAGEMENT AND SUPERVISORY ACTIVITIES	3	7	13	20	32
F PERFORMING TRAINING ACTIVITIES	1	5	7	4	6
G PERFORMING GENERAL ADMINISTRATIVE AND TECHNICAL ORDER (TO) SYSTEM ACTIVITIES	5	5	7	8	8
H PERFORMING GENERAL SUPPLY AND EQUIPMENT ACTIVITIES	1	2	2	2	2

TABLE 5

REPRESENTATIVE TASKS PERFORMED BY DAFSC 1A331 PERSONNEL

TASKS	PERCENT MEMBERS PERFORMING (N=38)
A0030 Perform premission requirements, such as reviewing FCIFs, MORFs, MCIFs, general information files, or annotating flight orders	95
C0325 Perform in-flight checklist procedures	87
A0036 Review emergency procedures	79
A0028 Perform preflight inspections, other than life support inspections	76
A0003 Assemble professional or personal flight gear	74
A0024 Obtain and secure COMSEC material	71
C0309 Maintain logs, such as in-flight or maintenance	71
A0031 Perform initialization of mission systems	71
A0026 Participate in premission briefings, other than conducting	71
B0190 Operate cryptographic loading devices	68
A0022 Obtain classified materials or documents	68
B0049 Operate ultra high-frequency (UHF) satellite communications (SATCOM) voice systems	68
B0043 Operate high-frequency (HF) voice systems	68
B0244 Operate built-in test equipment (BITE)	68
A0039 Secure personal equipment on aircraft during preflight	68
A0025 Participate in general or specialized mission briefings	66
C0337 Practice or perform emergency procedures	66
C0313 Operate emergency equipment	66
B0079 Operate VHF AM systems	63
A0018 Review Air Force Technical Order (AFTO) Forms 781 (Aircraft Discrepancy, Inspection, and Maintenance Records)	63
B0163 Operate wideband secure voice (WBSV) cryptographic systems	63
B0082 Operate VHF frequency modulation (FM) systems	63
B0184 Operate aircraft audio distribution systems (ADSs), such as public address (PA) systems or interphones	61
B0050 Troubleshoot UHF SATCOM voice systems	58
B0100 Operate HF data systems	58
A0006 Coordinate data links with other link players or appropriate link authorization agencies	58
B0044 Troubleshoot HF voice systems	58
B0091 Operate Have Quick systems	55
A0023 Obtain specialized mission equipment, such as audio tapes, communications kits, hard drives, optical disks, test equipment, video tapes, time modules, or tool kits	55
B0040 Operate high-power transmitters	55
B0103 Operate UHF SATCOM data systems	55
B0160 Operate narrowband secure voice (NBSV) cryptographic systems	55
B0080 Troubleshoot VHF AM systems	55
C0321 Perform emergency destruct procedures	55
D0367 Perform standby alert procedures	53
B0220 Operate cryptographic systems	53
A0001 Annotate mission planning forms	53
B0285 Configure communications or electronic systems for operations	53

* Average Number of Tasks Performed - 93

TABLE 6

REPRESENTATIVE TASKS PERFORMED BY DAFSC 1A351 PERSONNEL

TASKS	PERCENT MEMBERS PERFORMING (N=234)
A0030 Perform premission requirements, such as reviewing FCIFs, MORFs, MCIFs, general information files, or annotating flight orders	83
A0039 Secure personal equipment on aircraft during preflight	83
C0325 Perform in-flight checklist procedures	82
A0028 Perform preflight inspections, other than life support inspections	81
A0018 Review Air Force Technical Order (AFTO) Forms 781 (Aircraft Discrepancy, Inspection, and Maintenance Records)	79
A0036 Review emergency procedures	78
A0025 Participate in general or specialized mission briefings	76
A0026 Participate in premission briefings, other than conducting	74
A0038 Secure mission equipment on aircraft during preflight	72
B0050 Troubleshoot UHF SATCOM voice systems	72
C0337 Practice or perform emergency procedures	71
A0014 Determine and perform alternate procedures or work-arounds for malfunctioning equipment	71
B0044 Troubleshoot HF voice systems	71
B0190 Operate cryptographic loading devices	69
A0022 Obtain classified materials or documents	69
B0049 Operate ultra high-frequency (UHF) satellite communications (SATCOM) voice systems	68
C0309 Maintain logs, such as in-flight or maintenance	68
B0043 Operate high-frequency (HF) voice systems	68
A0003 Assemble professional or personal flight gear	68
C0313 Operate emergency equipment	68
A0031 Perform initialization of mission systems	67
A0021 Maintain current status of flight manuals, safety and operational supplements, or flight crew checklists	64
B0080 Troubleshoot VHF AM systems	64
C0320 Perform crew coordination activities	63
A0037 Review or update isolated personnel report (ISOPREP) cards	63
E0430 Maintain aircrew currency requirements	62
A0024 Obtain and secure COMSEC material	62
B0083 Troubleshoot VHF FM systems	62
D0377 Prepare personal clothing or equipment for deployment	62
C0314 Operate life support systems	62
B0079 Operate VHF AM systems	61
C0321 Perform emergency destruct procedures	61
A0011 Determine aircraft status	59
B0082 Operate VHF frequency modulation (FM) systems	59
D0351 Fire weapons, such as 9mm handguns or M-16 rifles	59
A0035 Review aircrew currency requirements	58
B0220 Operate cryptographic systems	58
B0071 Troubleshoot UHF AM voice systems	58
B0070 Operate UHF amplitude modulation (AM) voice systems	57
C0328 Perform operational checkouts of aircraft mission systems after maintenance	57

* Average Number of Tasks Performed - 118

TABLE 7

REPRESENTATIVE TASKS PERFORMED BY DAFSC 1A371 PERSONNEL

TASKS		PERCENT MEMBERS PERFORMING (N=175)
A0030	Perform premission requirements, such as reviewing FCIFs, MORFs, MCIFs, general information files, or annotating flight orders	95
A0036	Review emergency procedures	93
A0025	Participate in general or specialized mission briefings	87
A0039	Secure personal equipment on aircraft during preflight	87
A0018	Review Air Force Technical Order (AFTO) Forms 781 (Aircraft Discrepancy, Inspection, and Maintenance Records)	87
C0325	Perform in-flight checklist procedures	86
A0026	Participate in premission briefings, other than conducting	85
A0028	Perform preflight inspections, other than life support inspections	85
C0337	Practice or perform emergency procedures	84
A0022	Obtain classified materials or documents	83
C0320	Perform crew coordination activities	81
A0014	Determine and perform alternate procedures or work-arounds for malfunctioning equipment	81
C0309	Maintain logs, such as in-flight or maintenance	80
B0050	Troubleshoot UHF SATCOM voice systems	80
E0430	Maintain aircrew currency requirements	79
A0031	Perform initialization of mission systems	79
B0044	Troubleshoot HF voice systems	79
A0038	Secure mission equipment on aircraft during preflight	78
C0313	Operate emergency equipment	78
B0049	Operate ultra high-frequency (UHF) satellite communications (SATCOM) voice systems	77
A0035	Review aircrew currency requirements	77
B0190	Operate cryptographic loading devices	77
A0003	Assemble professional or personal flight gear	77
B0043	Operate high-frequency (HF) voice systems	76
A0021	Maintain current status of flight manuals, safety and operational supplements, or flight crew checklists	76
C0328	Perform operational checkouts of aircraft mission systems after maintenance	76
C0321	Perform emergency destruct procedures	76
A0024	Obtain and secure COMSEC material	74
A0037	Review or update isolated personnel report (ISOPREP) cards	74
C0331	Perform postflight inspections	73
A0011	Determine aircraft status	72
G0487	Destroy COMSEC or classified materials or documents	71
E0382	Adjust daily schedules to meet operational commitments	70
C0329	Perform operational checkouts of aircraft mission systems after modifications	68
D0351	Fire weapons, such as 9mm handguns or M-16 rifles	68
C0317	Participate in postmission debriefings	67
C0314	Operate life support systems	67
B0083	Troubleshoot VHF FM systems	67
B0070	Operate UHF amplitude modulation (AM) voice systems	66
G0501	Maintain personal aircrew flight manuals or checklists	66

* Average Number of Tasks Performed - 159

TABLE 8

REPRESENTATIVE TASKS PERFORMED BY DAFSC 1A391 PERSONNEL

TASKS		PERCENT MEMBERS PERFORMING (N=13)
A0028	Perform preflight inspections, other than life support inspections	92
A0025	Participate in general or specialized mission briefings	92
A0022	Obtain classified materials or documents	92
A0030	Perform premission requirements, such as reviewing FCIFs, MORFs, MCIFs, general information files, or annotating flight orders	92
C0325	Perform in-flight checklist procedures	85
E0430	Maintain aircrew currency requirements	85
C0320	Perform crew coordination activities	85
A0031	Perform initialization of mission systems	85
A0026	Participate in premission briefings, other than conducting	85
A0018	Review Air Force Technical Order (AFTO) Forms 781 (Aircraft Discrepancy, Inspection, and Maintenance Records)	85
A0024	Obtain and secure COMSEC material	85
A0014	Determine and perform alternate procedures or work-arounds for malfunctioning equipment	85
A0038	Secure mission equipment on aircraft during preflight	85
B0043	Operate high-frequency (HF) voice systems	85
A0036	Review emergency procedures	85
C0313	Operate emergency equipment	85
D0351	Fire weapons, such as 9mm handguns or M-16 rifles	85
C0309	Maintain logs, such as in-flight or maintenance	77
G0482	Annotate cabinet, safe, or room security forms	77
A0003	Assemble professional or personal flight gear	77
C0328	Perform operational checkouts of aircraft mission systems after maintenance	77
B0154	Operate data encryption devices	77
A0035	Review aircrew currency requirements	77
B0044	Troubleshoot HF voice systems	77
C0329	Perform operational checkouts of aircraft mission systems after modifications	69
C0331	Perform postflight inspections	69
G0501	Maintain personal aircrew flight manuals or checklists	69
B0091	Operate Have Quick systems	69
A0013	Determine mission communications requirements	69
B0049	Operate ultra high-frequency (UHF) satellite communications (SATCOM) voice systems	69
A0004	Conduct premission briefings, including certifications	69
G0487	Destroy COMSEC or classified materials or documents	69
B0190	Operate cryptographic loading devices	69
B0155	Troubleshoot data encryption devices	69
C0337	Practice or perform emergency procedures	69
B0050	Troubleshoot UHF SATCOM voice systems	69
B0221	Troubleshoot cryptographic systems	69
E0388	Conduct general meetings, such as staff meetings, briefings, conferences, or workshops	62
E0450	Write recommendations for awards or decorations	62
E0397	Determine or establish work assignments or priorities	62

* Average Number of Tasks Performed - 138

TABLE 9

REPRESENTATIVE TASKS PERFORMED BY DAFSC 1A300 PERSONNEL

TASKS		PERCENT MEMBERS PERFORMING (N=6)
E0395	Counsel subordinates concerning personal matters	100
E0411	Establish performance standards for subordinates	100
E0388	Conduct general meetings, such as staff meetings, briefings, conferences, or workshops	100
E0428	Interpret policies, directives, or procedures for subordinates	83
E0397	Determine or establish work assignments or priorities	83
A0028	Perform preflight inspections, other than life support inspections	83
A0031	Perform initialization of mission systems	83
G0487	Destroy COMSEC or classified materials or documents	83
E0404	Develop or establish work methods or procedures	83
E0392	Conduct supervisory orientations for newly assigned personnel	83
C0301	Coordinate phone patches or intercommunications with appropriate personnel	83
E0382	Adjust daily schedules to meet operational commitments	83
C0320	Perform crew coordination activities	83
E0449	Write job or position descriptions	83
A0025	Participate in general or specialized mission briefings	83
A0026	Participate in premission briefings, other than conducting	83
F0465	Determine training requirements	83
E0426	Inspect personnel for compliance with military standards	83
C0309	Maintain logs, such as in-flight or maintenance	83
A0003	Assemble professional or personal flight gear	83
A0038	Secure mission equipment on aircraft during preflight	83
A0039	Secure personal equipment on aircraft during preflight	83
A0036	Review emergency procedures	83
C0325	Perform in-flight checklist procedures	83
A0035	Review aircrew currency requirements	83
E0445	Review drafts of supplements or changes to directives, such as policy directives, instructions, or manuals	83
C0321	Perform emergency destruct procedures	83
E0385	Assign personnel to work areas or duty positions	83
E0409	Establish organizational policies, such as operating instructions (OIs) or standard operating procedures (SOPs)	83
E0450	Write recommendations for awards or decorations	83
F0456	Brief personnel concerning training programs or matters	83
C0314	Operate life support systems	83
C0313	Operate emergency equipment	83
E0396	Determine or establish logistics requirements, such as personnel, equipment, tools, parts, supplies, or workspace, other than for mission deployments	83
E0452	Write staff studies, surveys, or routine reports, other than training or inspection reports	83
E0422	Initiate actions required due to substandard performance of personnel	83
E0418	Evaluate personnel for promotion, demotion, reclassification, or special awards	67
E0390	Conduct self-inspections or self-assessments	67
C0331	Perform postflight inspections	67
A0029	Perform preflight life support inspections	67
G0515	Write minutes of briefings, conferences, or meetings	67

* Average Number of Tasks Performed - 155

TABLE 10

TIME SPENT ON DUTIES BY AD MEMBERS OF DAFSC 1A3X1 SKILL-LEVEL GROUPS
(PERCENT RESPONDING)

DUTIES	AD 1A331 (N=37)	AD 1A351 (N=226)	AD 1A371 (N=148)	AD 1A391 (N=7)	AD 1A300 (N=6)
A PERFORMING MISSION PLANNING, PREMISSION, OR PREFLIGHT ACTIVITIES	23	18	16	13	15
B PERFORMING OPERATIONS OR MAINTENANCE OF COMMUNICATIONS OR ELECTRONICS SYSTEMS	46	45	38	29	20
C PERFORMING GENERAL AIRBORNE COMMUNICATIONS OR MISSION SYSTEMS ACTIVITIES	13	12	12	13	13
D PERFORMING MOBILITY AND CONTINGENCY ACTIVITIES	8	6	4	4	4
E PERFORMING MANAGEMENT AND SUPERVISORY ACTIVITIES	3	7	14	27	32
F PERFORMING TRAINING ACTIVITIES	1	5	7	4	6
G PERFORMING GENERAL ADMINISTRATIVE AND TECHNICAL ORDER (TO) SYSTEM ACTIVITIES	5	5	7	8	8
H PERFORMING GENERAL SUPPLY AND EQUIPMENT ACTIVITIES	1	2	2	2	2

TABLE 11

REPRESENTATIVE TASKS PERFORMED BY AD DAFSC 1A331 PERSONNEL

TASKS		PERCENT MEMBERS PERFORMING (N=37)
A0030	Perform premission requirements, such as reviewing FCIFs, MORFs, MCIFs, general information files, or annotating flight orders	95
C0325	Perform in-flight checklist procedures	86
A0036	Review emergency procedures	78
A0028	Perform preflight inspections, other than life support inspections	76
A0003	Assemble professional or personal flight gear	73
A0024	Obtain and secure COMSEC material	70
C0309	Maintain logs, such as in-flight or maintenance	70
A0031	Perform initialization of mission systems	70
A0026	Participate in premission briefings, other than conducting	70
B0190	Operate cryptographic loading devices	68
A0022	Obtain classified materials or documents	68
B0049	Operate ultra high-frequency (UHF) satellite communications (SATCOM) voice systems	68
B0043	Operate high-frequency (HF) voice systems	68
B0244	Operate built-in test equipment (BITE)	68
A0039	Secure personal equipment on aircraft during preflight	68
C0313	Operate emergency equipment	68
A0025	Participate in general or specialized mission briefings	65
C0337	Practice or perform emergency procedures	65
B0079	Operate VHF AM systems	62
A0018	Review Air Force Technical Order (AFTO) Forms 781 (Aircraft Discrepancy, Inspection, and Maintenance Records)	62
B0163	Operate wideband secure voice (WBSV) cryptographic systems	62
B0082	Operate VHF frequency modulation (FM) systems	62
B0184	Operate aircraft audio distribution systems (ADSs), such as public address (PA) systems or interphones	59
A0023	Obtain specialized mission equipment, such as audio tapes, communications kits, hard drives, optical disks, test equipment, video tapes, time modules, or tool kits	57
B0050	Troubleshoot UHF SATCOM voice systems	57
B0100	Operate HF data systems	57
A0006	Coordinate data links with other link players or appropriate link authorization agencies	57
B0044	Troubleshoot HF voice systems	57
C0321	Perform emergency destruct procedures	57
D0367	Perform standby alert procedures	54
B0220	Operate cryptographic systems	54
B0091	Operate Have Quick systems	54
B0040	Operate high-power transmitters	54
B0103	Operate UHF SATCOM data systems	54
B0160	Operate narrowband secure voice (NBSV) cryptographic systems	54
A0014	Determine and perform alternate procedures or work-arounds for malfunctioning equipment	54
B0080	Troubleshoot VHF AM systems	54
C0303	Coordinate systems status with crew members	51

* Average Number of Tasks Performed - 93

TABLE 12

REPRESENTATIVE TASKS PERFORMED BY AD DAFSC 1A351 PERSONNEL

TASKS	PERCENT MEMBERS PERFORMING (N=226)
A0030 Perform premission requirements, such as reviewing FCIFs, MORFs, MCIFs, general information files, or annotating flight orders	83
A0039 Secure personal equipment on aircraft during preflight	83
C0325 Perform in-flight checklist procedures	82
A0028 Perform preflight inspections, other than life support inspections	81
A0018 Review Air Force Technical Order (AFTO) Forms 781 (Aircraft Discrepancy, Inspection, and Maintenance Records)	78
A0036 Review emergency procedures	78
A0025 Participate in general or specialized mission briefings	76
A0026 Participate in premission briefings, other than conducting	74
A0038 Secure mission equipment on aircraft during preflight	72
B0050 Troubleshoot UHF SATCOM voice systems	71
C0337 Practice or perform emergency procedures	70
B0044 Troubleshoot HF voice systems	70
A0014 Determine and perform alternate procedures or work-arounds for malfunctioning equipment	69
A0022 Obtain classified materials or documents	69
B0190 Operate cryptographic loading devices	68
A0003 Assemble professional or personal flight gear	68
A0031 Perform initialization of mission systems	67
B0049 Operate ultra high-frequency (UHF) satellite communications (SATCOM) voice systems	67
B0043 Operate high-frequency (HF) voice systems	67
C0313 Operate emergency equipment	67
C0309 Maintain logs, such as in-flight or maintenance	66
A0021 Maintain current status of flight manuals, safety and operational supplements, or flight crew checklists	64
C0320 Perform crew coordination activities	63
B0080 Troubleshoot VHF AM systems	63
E0430 Maintain aircrew currency requirements	62
A0024 Obtain and secure COMSEC material	62
A0037 Review or update isolated personnel report (ISOPREP) cards	62
C0314 Operate life support systems	61
C0321 Perform emergency destruct procedures	61
B0083 Troubleshoot VHF FM systems	60
D0377 Prepare personal clothing or equipment for deployment	60
B0079 Operate VHF AM systems	60
A0011 Determine aircraft status	58
B0220 Operate cryptographic systems	58
B0071 Troubleshoot UHF AM voice systems	58
B0191 Troubleshoot cryptographic loading devices	58
B0082 Operate VHF frequency modulation (FM) systems	58
D0351 Fire weapons, such as 9mm handguns or M-16 rifles	58
A0035 Review aircrew currency requirements	57

* Average Number of Tasks Performed - 118

TABLE 13

REPRESENTATIVE TASKS PERFORMED BY AD DAFSC 1A371 PERSONNEL

TASKS		PERCENT MEMBERS PERFORMING (N=148)
A0030	Perform premission requirements, such as reviewing FCIFs, MORFs, MCIFs, general information files, or annotating flight orders	96
A0036	Review emergency procedures	91
C0325	Perform in-flight checklist procedures	86
A0039	Secure personal equipment on aircraft during preflight	86
A0018	Review Air Force Technical Order (AFTO) Forms 781 (Aircraft Discrepancy, Inspection, and Maintenance Records)	86
A0025	Participate in general or specialized mission briefings	85
A0028	Perform preflight inspections, other than life support inspections	84
A0026	Participate in premission briefings, other than conducting	84
C0320	Perform crew coordination activities	84
A0022	Obtain classified materials or documents	82
C0337	Practice or perform emergency procedures	82
A0031	Perform initialization of mission systems	81
E0430	Maintain aircrew currency requirements	80
A0014	Determine and perform alternate procedures or work-arounds for malfunctioning equipment	80
C0309	Maintain logs, such as in-flight or maintenance	79
C0328	Perform operational checkouts of aircraft mission systems after maintenance	78
B0050	Troubleshoot UHF SATCOM voice systems	78
C0313	Operate emergency equipment	78
A0003	Assemble professional or personal flight gear	77
B0049	Operate ultra high-frequency (UHF) satellite communications (SATCOM) voice systems	76
B0190	Operate cryptographic loading devices	76
A0021	Maintain current status of flight manuals, safety and operational supplements, or flight crew checklists	76
A0035	Review aircrew currency requirements	76
B0044	Troubleshoot HF voice systems	76
C0321	Perform emergency destruct procedures	76
B0043	Operate high-frequency (HF) voice systems	75
A0038	Secure mission equipment on aircraft during preflight	75
E0382	Adjust daily schedules to meet operational commitments	72
A0024	Obtain and secure COMSEC material	72
C0331	Perform postflight inspections	72
A0011	Determine aircraft status	72
G0487	Destroy COMSEC or classified materials or documents	70
A0037	Review or update isolated personnel report (ISOPREP) cards	70
C0329	Perform operational checkouts of aircraft mission systems after modifications	69
C0317	Participate in postmission debriefings	68
G0482	Annotate cabinet, safe, or room security forms	68
C0314	Operate life support systems	68
G0501	Maintain personal aircrew flight manuals or checklists	67
C0327	Perform in-flight instructor duties	66
B0070	Operate UHF amplitude modulation (AM) voice systems	66

* Average Number of Tasks Performed - 158

TABLE 14

REPRESENTATIVE TASKS PERFORMED BY AD DAFSC 1A391 PERSONNEL

TASKS		PERCENT MEMBERS PERFORMING (N=7)
E0388	Conduct general meetings, such as staff meetings, briefings, conferences, or workshops	86
C0325	Perform in-flight checklist procedures	86
E0430	Maintain aircrew currency requirements	86
A0028	Perform preflight inspections, other than life support inspections	86
A0031	Perform initialization of mission systems	86
A0022	Obtain classified materials or documents	86
A0025	Participate in general or specialized mission briefings	86
A0003	Assemble professional or personal flight gear	86
A0030	Perform premission requirements, such as reviewing FCIFs, MORFs, MCIFs, general information files, or annotating flight orders	86
A0024	Obtain and secure COMSEC material	86
A0014	Determine and perform alternate procedures or work-arounds for malfunctioning equipment	86
C0329	Perform operational checkouts of aircraft mission systems after modifications	71
G0482	Annotate cabinet, safe, or room security forms	71
E0397	Determine or establish work assignments or priorities	71
E0450	Write recommendations for awards or decorations	71
C0317	Participate in postmission debriefings	71
A0026	Participate in premission briefings, other than conducting	71
C0309	Maintain logs, such as in-flight or maintenance	71
C0320	Perform crew coordination activities	71
B0043	Operate high-frequency (HF) voice systems	71
B0070	Operate UHF amplitude modulation (AM) voice systems	71
B0154	Operate data encryption devices	71
C0301	Coordinate phone patches or intercommunications with appropriate personnel	71
E0409	Establish organizational policies, such as operating instructions (OIs) or standard operating procedures (SOPs)	71
A0018	Review Air Force Technical Order (AFTO) Forms 781 (Aircraft Discrepancy, Inspection, and Maintenance Records)	71
A0038	Secure mission equipment on aircraft during preflight	71
C0328	Perform operational checkouts of aircraft mission systems after maintenance	71
A0006	Coordinate data links with other link players or appropriate link authorization agencies	71
B0190	Operate cryptographic loading devices	71
B0044	Troubleshoot HF voice systems	71
A0013	Determine mission communications requirements	71
G0487	Destroy COMSEC or classified materials or documents	71
B0050	Troubleshoot UHF SATCOM voice systems	71
C0337	Practice or perform emergency procedures	71
D0377	Prepare personal clothing or equipment for deployment	71
B0071	Troubleshoot UHF AM voice systems	71
E0433	Manage or coordinate upgrades to communications systems equipment with appropriate agencies	57
E0449	Write job or position descriptions	57

* Average Number of Tasks Performed - 122

TABLE 15

REPRESENTATIVE TASKS PERFORMED BY AD DAFSC 1A300 PERSONNEL

TASKS		PERCENT MEMBERS PERFORMING (N=6)
E0395	Counsel subordinates concerning personal matters	100
E0411	Establish performance standards for subordinates	100
E0388	Conduct general meetings, such as staff meetings, briefings, conferences, or workshops	100
E0428	Interpret policies, directives, or procedures for subordinates	83
E0397	Determine or establish work assignments or priorities	83
A0028	Perform preflight inspections, other than life support inspections	83
A0031	Perform initialization of mission systems	83
G0487	Destroy COMSEC or classified materials or documents	83
E0404	Develop or establish work methods or procedures	83
E0392	Conduct supervisory orientations for newly assigned personnel	83
C0301	Coordinate phone patches or intercommunications with appropriate personnel	83
E0382	Adjust daily schedules to meet operational commitments	83
C0320	Perform crew coordination activities	83
E0449	Write job or position descriptions	83
A0025	Participate in general or specialized mission briefings	83
A0026	Participate in premission briefings, other than conducting	83
F0465	Determine training requirements	83
E0426	Inspect personnel for compliance with military standards	83
C0309	Maintain logs, such as in-flight or maintenance	83
A0003	Assemble professional or personal flight gear	83
A0038	Secure mission equipment on aircraft during preflight	83
A0039	Secure personal equipment on aircraft during preflight	83
A0036	Review emergency procedures	83
C0325	Perform in-flight checklist procedures	83
A0035	Review aircrew currency requirements	83
E0445	Review drafts of supplements or changes to directives, such as policy directives, instructions, or manuals	83
C0321	Perform emergency destruct procedures	83
E0385	Assign personnel to work areas or duty positions	83
E0409	Establish organizational policies, such as operating instructions (OIs) or standard operating procedures (SOPs)	83
E0450	Write recommendations for awards or decorations	83
F0456	Brief personnel concerning training programs or matters	83
C0314	Operate life support systems	83
C0313	Operate emergency equipment	83
E0396	Determine or establish logistics requirements, such as personnel, equipment, tools, parts, supplies, or workspace, other than for mission deployments	83
E0452	Write staff studies, surveys, or routine reports, other than training or inspection reports	83
E0422	Initiate actions required due to substandard performance of personnel	83
E0418	Evaluate personnel for promotion, demotion, reclassification, or special awards	67
E0390	Conduct self-inspections or self-assessments	67
C0331	Perform postflight inspections	67
A0029	Perform preflight life support inspections	67
G0515	Write minutes of briefings, conferences, or meetings	67

* Average Number of Tasks Performed - 155

TABLE 16

TIME SPENT ON DUTIES BY ANG MEMBERS OF DAFSC 1A3X1 SKILL-LEVEL GROUPS
(PERCENT RESPONDING)

DUTIES	ANG 1A351 (N=4)	ANG 1A371 (N=14)	ANG 1A391 (N=5)
A PERFORMING MISSION PLANNING, PREMISSION, OR PREFLIGHT ACTIVITIES	12	17	19
B PERFORMING OPERATIONS OR MAINTENANCE OF COMMUNICATIONS OR ELECTRONICS SYSTEMS	55	38	28
C PERFORMING GENERAL AIRBORNE COMMUNICATIONS OR MISSION SYSTEMS ACTIVITIES	11	11	13
D PERFORMING MOBILITY AND CONTINGENCY ACTIVITIES	5	7	9
E PERFORMING MANAGEMENT AND SUPERVISORY ACTIVITIES	6	11	14
F PERFORMING TRAINING ACTIVITIES	5	6	6
G PERFORMING GENERAL ADMINISTRATIVE AND TECHNICAL ORDER (TO) SYSTEM ACTIVITIES	4	6	9
H PERFORMING GENERAL SUPPLY AND EQUIPMENT ACTIVITIES	2	4	2

TABLE 17

REPRESENTATIVE TASKS PERFORMED BY ANG DAFSC 1A351 PERSONNEL

TASKS		PERCENT MEMBERS PERFORMING (N=4)
D0379	Reconfigure aircraft for specific mission requirements	100
A0031	Perform initialization of mission systems	100
B0196	Operate alternating current (AC) or direct current (DC) electrical systems	100
B0282	Operate software	100
B0193	Operate lighting systems	100
B0142	Operate computer systems	100
B0217	Operate test equipment	100
B0127	Operate digital data distribution systems, such as local area networks (LANs) or buses	100
A0030	Perform premission requirements, such as reviewing FCIFs, MORFs, MCIFs, general information files, or annotating flight orders	100
A0014	Determine and perform alternate procedures or work-arounds for malfunctioning equipment	100
B0283	Troubleshoot software	100
B0136	Operate collection receiver systems	100
H0523	Inventory equipment, tools, parts, or supplies, communications kits, or in-flight spare parts kits	100
B0288	Remove or replace circuit card assemblies	100
B0152	Troubleshoot DF equipment	100
C0317	Participate in postmission debriefings	100
D0377	Prepare personal clothing or equipment for deployment	100
A0036	Review emergency procedures	100
B0119	Troubleshoot TADILs	100
B0197	Troubleshoot AC or DC electrical systems	100
B0053	Troubleshoot UHF FDM systems	100
B0194	Troubleshoot lighting systems	100
C0337	Practice or perform emergency procedures	100
B0044	Troubleshoot HF voice systems	100
B0101	Troubleshoot HF data systems	100
B0050	Troubleshoot UHF SATCOM voice systems	100
B0071	Troubleshoot UHF AM voice systems	100
B0080	Troubleshoot VHF AM systems	100
B0137	Troubleshoot collection receiver systems	100
B0170	Troubleshoot RF distribution systems	100
B0083	Troubleshoot VHF FM systems	100
B0128	Troubleshoot digital data distribution systems, such as LANs or buses	100
C0309	Maintain logs, such as in-flight or maintenance	100
B0218	Troubleshoot test equipment	100
A0023	Obtain specialized mission equipment, such as audio tapes, communications kits, hard drives, optical disks, test equipment, video tapes, time modules, or tool kits	100
B0224	Troubleshoot TIBSs	100
C0313	Operate emergency equipment	100
B0143	Troubleshoot computer systems	100
B0118	Operate tactical digital information links (TADILs)	100

* Average Number of Tasks Performed - 160

TABLE 18

REPRESENTATIVE TASKS PERFORMED BY ANG DAFSC 1A371 PERSONNEL

TASKS		PERCENT MEMBERS PERFORMING (N=14)
A0036	Review emergency procedures	100
A0026	Participate in premission briefings, other than conducting	93
A0025	Participate in general or specialized mission briefings	93
C0325	Perform in-flight checklist procedures	93
A0039	Secure personal equipment on aircraft during preflight	93
A0038	Secure mission equipment on aircraft during preflight	93
C0337	Practice or perform emergency procedures	93
A0037	Review or update isolated personnel report (ISOPREP) cards	93
D0351	Fire weapons, such as 9mm handguns or M-16 rifles	93
C0309	Maintain logs, such as in-flight or maintenance	86
A0028	Perform preflight inspections, other than life support inspections	86
C0331	Perform postflight inspections	86
A0018	Review Air Force Technical Order (AFTO) Forms 781 (Aircraft Discrepancy, Inspection, and Maintenance Records)	86
B0193	Operate lighting systems	86
B0190	Operate cryptographic loading devices	86
B0244	Operate built-in test equipment (BITE)	86
B0050	Troubleshoot UHF SATCOM voice systems	86
B0104	Troubleshoot UHF SATCOM data systems	86
B0044	Troubleshoot HF voice systems	86
B0245	Troubleshoot BITE	86
B0194	Troubleshoot lighting systems	86
D0349	Don or doff chemical warfare personal protective clothing	79
E0430	Maintain aircrew currency requirements	79
A0030	Perform premission requirements, such as reviewing FCIFs, MORFs, MCIFs, general information files, or annotating flight orders	79
A0022	Obtain classified materials or documents	79
D0377	Prepare personal clothing or equipment for deployment	79
A0024	Obtain and secure COMSEC material	79
B0196	Operate alternating current (AC) or direct current (DC) electrical systems	79
B0170	Troubleshoot RF distribution systems	79
H0524	Issue or log turn-ins of equipment, tools, parts, or supplies	79
B0143	Troubleshoot computer systems	79
C0313	Operate emergency equipment	79
B0152	Troubleshoot DF equipment	79
B0197	Troubleshoot AC or DC electrical systems	79
B0071	Troubleshoot UHF AM voice systems	79
B0080	Troubleshoot VHF AM systems	79
B0083	Troubleshoot VHF FM systems	79
C0321	Perform emergency destruct procedures	79
G0487	Destroy COMSEC or classified materials or documents	79
A0035	Review aircrew currency requirements	71
A0031	Perform initialization of mission systems	71
E0382	Adjust daily schedules to meet operational commitments	71
G0514	Review TOs for in-flight procedures	71

* Average Number of Tasks Performed - 194

TABLE 19

REPRESENTATIVE TASKS PERFORMED BY ANG DAFSC 1A391 PERSONNEL

TASKS		PERCENT MEMBERS PERFORMING (N=5)
C0309	Maintain logs, such as in-flight or maintenance	100
C0331	Perform postflight inspections	100
C0320	Perform crew coordination activities	100
A0036	Review emergency procedures	100
A0025	Participate in general or specialized mission briefings	100
A0004	Conduct premission briefings, including certifications	100
A0018	Review Air Force Technical Order (AFTO) Forms 781 (Aircraft Discrepancy, Inspection, and Maintenance Records)	100
A0030	Perform premission requirements, such as reviewing FCIFs, MORFs, MCIFs, general information files, or annotating flight orders	100
A0011	Determine aircraft status	100
A0028	Perform preflight inspections, other than life support inspections	100
A0022	Obtain classified materials or documents	100
A0037	Review or update isolated personnel report (ISOPREP) cards	100
A0038	Secure mission equipment on aircraft during preflight	100
A0029	Perform preflight life support inspections	100
A0026	Participate in premission briefings, other than conducting	100
A0035	Review aircrew currency requirements	100
B0043	Operate high-frequency (HF) voice systems	100
A0014	Determine and perform alternate procedures or work-arounds for malfunctioning equipment	80
C0328	Perform operational checkouts of aircraft mission systems after maintenance	80
E0430	Maintain aircrew currency requirements	80
C0325	Perform in-flight checklist procedures	80
A0031	Perform initialization of mission systems	80
G0509	Prepare flight publications kits	80
G0501	Maintain personal aircrew flight manuals or checklists	80
E0382	Adjust daily schedules to meet operational commitments	80
A0024	Obtain and secure COMSEC material	80
B0091	Operate Have Quick systems	80
B0280	Operate oxygen systems	80
C0319	Perform authentication procedures	80
B0155	Troubleshoot data encryption devices	80
E0385	Assign personnel to work areas or duty positions	80
C0313	Operate emergency equipment	80
C0337	Practice or perform emergency procedures	80
D0371	Practice duress code procedures	80
A0021	Maintain current status of flight manuals, safety and operational supplements, or flight crew checklists	80
G0482	Annotate cabinet, safe, or room security forms	80
D0357	Participate in predeployment mobility briefings	80
B0049	Operate ultra high-frequency (UHF) satellite communications (SATCOM) voice systems	80
B0151	Operate direction finding (DF) equipment	80

* Average Number of Tasks Performed - 165

TABLE 20

TIME SPENT ON DUTIES BY AFRC MEMBERS OF DAFSC 1A3X1 SKILL-LEVEL GROUPS
(PERCENT RESPONDING)

DUTIES	AFRC 1A351 (N=4)	AFRC 1A371 (N=13)
A PERFORMING MISSION PLANNING, PREMISSION, OR PREFLIGHT ACTIVITIES	15	22
B PERFORMING OPERATIONS OR MAINTENANCE OF COMMUNICATIONS OR ELECTRONICS SYSTEMS	53	42
C PERFORMING GENERAL AIRBORNE COMMUNICATIONS OR MISSION SYSTEMS ACTIVITIES	14	13
D PERFORMING MOBILITY AND CONTINGENCY ACTIVITIES	10	6
E PERFORMING MANAGEMENT AND SUPERVISORY ACTIVITIES	2	7
F PERFORMING TRAINING ACTIVITIES	*	3
G PERFORMING GENERAL ADMINISTRATIVE AND TECHNICAL ORDER (TO) SYSTEM ACTIVITIES	4	6
H PERFORMING GENERAL SUPPLY AND EQUIPMENT ACTIVITIES	1	1

* Indicates less than 1%

TABLE 21

REPRESENTATIVE TASKS PERFORMED BY AFRC DAFSC 1A351 PERSONNEL

TASKS		PERCENT MEMBERS PERFORMING (N=4)
C0309	Maintain logs, such as in-flight or maintenance	100
B0118	Operate tactical digital information links (TADILs)	100
B0043	Operate high-frequency (HF) voice systems	100
B0220	Operate cryptographic systems	100
B0049	Operate ultra high-frequency (UHF) satellite communications (SATCOM) voice systems	100
B0280	Operate oxygen systems	100
B0285	Configure communications or electronic systems for operations	100
C0325	Perform in-flight checklist procedures	100
B0184	Operate aircraft audio distribution systems (ADSs), such as public address (PA) systems or interphones	100
A0028	Perform preflight inspections, other than life support inspections	100
B0190	Operate cryptographic loading devices	100
D0377	Prepare personal clothing or equipment for deployment	100
B0100	Operate HF data systems	100
B0040	Operate high-power transmitters	100
B0244	Operate built-in test equipment (BITE)	100
B0163	Operate wideband secure voice (WBSV) cryptographic systems	100
B0046	Operate automatic link establishment (ALE) systems	100
B0091	Operate Have Quick systems	100
B0133	Operate mission audio distribution systems (ADSs) or communications distribution groups (CDGs)	100
C0337	Practice or perform emergency procedures	100
B0079	Operate VHF AM systems	100
B0082	Operate VHF frequency modulation (FM) systems	100
A0025	Participate in general or specialized mission briefings	100
B0160	Operate narrowband secure voice (NBSV) cryptographic systems	100
A0030	Perform premission requirements, such as reviewing FCIFs, MORFs, MCIFs, general information files, or annotating flight orders	100
B0154	Operate data encryption devices	100
B0119	Troubleshoot TADILs	100
A0018	Review Air Force Technical Order (AFTO) Forms 781 (Aircraft Discrepancy, Inspection, and Maintenance Records)	100
B0044	Troubleshoot HF voice systems	100
A0014	Determine and perform alternate procedures or work-arounds for malfunctioning equipment	100
D0360	Perform alert crew changeovers	100
B0083	Troubleshoot VHF FM systems	100
D0357	Participate in predeployment mobility briefings	100
D0358	Perform aircraft cocking or uncocking procedures	100
A0037	Review or update isolated personnel report (ISOPREP) cards	100
B0101	Troubleshoot HF data systems	100
B0050	Troubleshoot UHF SATCOM voice systems	100
B0134	Troubleshoot mission ADSs or CDGs	100
C0313	Operate emergency equipment	100

* Average Number of Tasks Performed - 110

TABLE 22

REPRESENTATIVE TASKS PERFORMED BY AFRC DAFSC 1A371 PERSONNEL

TASKS	PERCENT MEMBERS PERFORMING (N=13)
B0049 Operate ultra high-frequency (UHF) satellite communications (SATCOM) voice systems	100
B0043 Operate high-frequency (HF) voice systems	100
A0022 Obtain classified materials or documents	100
A0025 Participate in general or specialized mission briefings	100
A0018 Review Air Force Technical Order (AFTO) Forms 781 (Aircraft Discrepancy, Inspection, and Maintenance Records)	100
A0030 Perform premission requirements, such as reviewing FCIFs, MORFs, MCIFs, general information files, or annotating flight orders	100
A0014 Determine and perform alternate procedures or work-arounds for malfunctioning equipment	100
A0036 Review emergency procedures	100
B0044 Troubleshoot HF voice systems	100
B0050 Troubleshoot UHF SATCOM voice systems	100
A0028 Perform preflight inspections, other than life support inspections	92
A0013 Determine mission communications requirements	92
B0091 Operate Have Quick systems	92
A0024 Obtain and secure COMSEC material	92
A0039 Secure personal equipment on aircraft during preflight	92
C0337 Practice or perform emergency procedures	92
B0092 Troubleshoot Have Quick systems	92
A0038 Secure mission equipment on aircraft during preflight	92
A0037 Review or update isolated personnel report (ISOPREP) cards	92
B0073 Operate commercial-band UHF/very high-frequency (VHF) transmitters	85
C0309 Maintain logs, such as in-flight or maintenance	85
B0079 Operate VHF AM systems	85
B0082 Operate VHF frequency modulation (FM) systems	85
A0003 Assemble professional or personal flight gear	85
A0021 Maintain current status of flight manuals, safety and operational supplements, or flight crew checklists	85
A0026 Participate in premission briefings, other than conducting	85
A0035 Review aircrew currency requirements	85
D0377 Prepare personal clothing or equipment for deployment	85
B0190 Operate cryptographic loading devices	85
B0080 Troubleshoot VHF AM systems	85
A0023 Obtain specialized mission equipment, such as audio tapes, communications kits, hard drives, optical disks, test equipment, video tapes, time modules, or tool kits	85
B0083 Troubleshoot VHF FM systems	85
B0185 Troubleshoot aircraft ADSs, such as PA systems or interphones	85
C0325 Perform in-flight checklist procedures	77
B0070 Operate UHF amplitude modulation (AM) voice systems	77
B0184 Operate aircraft audio distribution systems (ADSs), such as public address (PA) systems or interphones	77
A0029 Perform preflight life support inspections	77
C0301 Coordinate phone patches or intercommunications with appropriate personnel	77

* Average Number of Tasks Performed - 131

TABLE 23

TIME SPENT ACROSS DUTIES BY
FIRST-ENLISTMENT (1-48 MONTHS' TAFMS) PERSONNEL

DUTIES	1ST-ENL (N=70)
A PERFORMING MISSION PLANNING, PREMISSION, OR PREFLIGHT ACTIVITIES	21
B PERFORMING OPERATIONS OR MAINTENANCE OF COMMUNICATIONS OR ELECTRONICS SYSTEMS	50
C PERFORMING GENERAL AIRBORNE COMMUNICATIONS OR MISSION SYSTEMS ACTIVITIES	12
D PERFORMING MOBILITY AND CONTINGENCY ACTIVITIES	7
E PERFORMING MANAGEMENT AND SUPERVISORY ACTIVITIES	3
F PERFORMING TRAINING ACTIVITIES	2
G PERFORMING GENERAL ADMINISTRATIVE AND TECHNICAL ORDER (TO) SYSTEM ACTIVITIES	4
H PERFORMING GENERAL SUPPLY AND EQUIPMENT ACTIVITIES	1

TABLE 24

REPRESENTATIVE TASKS FOR PERSONNEL WITH 1-48 MONTHS' TAFMS

TASKS		PERCENT MEMBERS PERFORMING (N=70)
C0325	Perform in-flight checklist procedures	81
A0030	Perform premission requirements, such as reviewing FCIFs, MORFs, MCIFs, general information files, or annotating flight orders	79
A0036	Review emergency procedures	73
A0039	Secure personal equipment on aircraft during preflight	69
A0028	Perform preflight inspections, other than life support inspections	64
A0003	Assemble professional or personal flight gear	63
A0026	Participate in premission briefings, other than conducting	63
A0018	Review Air Force Technical Order (AFTO) Forms 781 (Aircraft Discrepancy, Inspection, and Maintenance Records)	61
C0337	Practice or perform emergency procedures	61
A0038	Secure mission equipment on aircraft during preflight	61
B0244	Operate built-in test equipment (BITE)	61
A0024	Obtain and secure COMSEC material	60
A0031	Perform initialization of mission systems	60
A0022	Obtain classified materials or documents	60
A0025	Participate in general or specialized mission briefings	59
C0309	Maintain logs, such as in-flight or maintenance	56
B0050	Troubleshoot UHF SATCOM voice systems	56
C0313	Operate emergency equipment	56
B0190	Operate cryptographic loading devices	54
A0023	Obtain specialized mission equipment, such as audio tapes, communications kits, hard drives, optical disks, test equipment, video tapes, time modules, or tool kits	53
B0049	Operate ultra high-frequency (UHF) satellite communications (SATCOM) voice systems	53
B0043	Operate high-frequency (HF) voice systems	53
B0044	Troubleshoot HF voice systems	53
C0321	Perform emergency destruct procedures	51
A0035	Review aircrew currency requirements	50
A0011	Determine aircraft status	49
A0014	Determine and perform alternate procedures or work-arounds for malfunctioning equipment	49
B0100	Operate HF data systems	49
B0082	Operate VHF frequency modulation (FM) systems	49
A0037	Review or update isolated personnel report (ISOPREP) cards	47
B0104	Troubleshoot UHF SATCOM data systems	47
B0080	Troubleshoot VHF AM systems	47
B0101	Troubleshoot HF data systems	47
E0430	Maintain aircrew currency requirements	46
C0303	Coordinate systems status with crew members	46
B0285	Configure communications or electronic systems for operations	46
D0377	Prepare personal clothing or equipment for deployment	46
B0079	Operate VHF AM systems	46
B0142	Operate computer systems	44

* Average Number of Tasks Performed - 90

TABLE 25

EMERGENCY EQUIPMENT CONTAINED ON AIRCRAFT SUPPORTED BY
FIRST-ENLISTMENT PERSONNEL
(PERCENT RESPONDING)

EMERGENCY EQUIPMENT	(N=70)
Emergency Exits	94
Crash Axes	93
Firefighter's Masks	91
First-Aid Kits	91
Fire Extinguishers	90
Oxygen Regulators	90
Alarm Bells/Signals	87
Escape Ropes	84
Life Raft Accessory/Survival Kits	84
Life Rafts	84
Portable Oxygen Units	83
Nomex Gloves	81
Firefighter's Gloves	77
Life Preserver Underarms (LPUs)	77
Quick-Don Oxygen Masks	74
Emergency Personal Oxygen Systems (EPOSs)	69
Portable Oxygen Refiller Ports	67
Emergency Radios	66
Airplane/Mission Maintenance Intercom Panels	63
Emergency Escape Breathing Devices (EEBDs)	63
Flashlights	61
Smoke Masks	53
Escape Slides	49
Personal Restraint Harnesses	49
Emergency Locator Transmitters (ELTs)	46
Inertia Reels	43
Anti-Exposure Suits, other than Extreme Cold Weather	36
Bailout Chutes	26

TABLE 26

COMMUNICATIONS OR ELECTRONICS EQUIPMENT AND SYSTEMS USED, OPERATED, OR
MAINTAINED BY FIRST-ENLISTMENT PERSONNEL
(PERCENT RESPONDING)

COMMUNICATIONS OR ELECTRONICS EQUIPMENT AND SYSTEMS	(N=70)
UHF Communications Systems	81
Cryptographic Systems, Data	71
Very-High Frequency (VHF) Communications Systems	69
Keyboards	67
Encryption Devices	66
High Frequency (HF) Communications Systems	64
Monitors	64
Receivers	64
Cryptographic Systems, Voice	63
Satellite Systems, Ultra-High Frequency (UHF)	63
Secure Data Link Systems	63
Data Transfer Devices, such as CYZ-10	61
Radio Frequency (RF) Amplifiers	59
Printers	53
Satellite Systems, Military	51
Busses, Data	50
Demodulators	50
Broadcast Intelligence Systems, such as Tactical Information Broadcast Systems (TIBSs) or Tactical Data Information Exchange (TADIX)	49
Modems	49
Antenna Systems	47
Remote Control Units (RCUs)	47
Automatic Direction Finding (ADF) Equipment	46
Hard Drives	46
Amplifiers	44
Consolidated Tool Kits (CTKs)	44
Cooling Systems	44
Local Area Network (LAN) Systems	43
Multimeters	43
Busses, Electrical Power	41
RF Distribution Systems	41
Software	41
Super High Frequency (SHF) Communications Systems	41
Advanced Narrow Band Encryption Devices	40
Display Consoles	40
Spectrum Analyzers	40
Pointing Devices, such as Mice, Touch Screens, or Track Balls	37
Public Address (PA) Systems	37
Recording Systems	37
Airborne Mission Computer Systems	36
Automatic Link Establishment (ALE) Systems	33
Distribution Systems, Electrical Power	31
Patch Cables	31
Audio Distribution Systems (ADSs), Analog	30
Oscilloscopes	30

TABLE 27

EXAMPLES OF AFSC 1A3X1 TASKS WITH HIGHEST TRAINING EMPHASIS RATINGS
(PERCENT MEMBERS PERFORMING)

TASKS	TNG EMP	1-24 MOS TAFMS	1-48 MOS TAFMS	TSK DIF
A0036 Review emergency procedures	6.00	69	73	3.88
B0142 Operate computer systems	5.63	28	44	4.60
A0018 Review Air Force Technical Order (AFTO) Forms 781 (Aircraft Discrepancy, Inspection, and Maintenance Records)	5.61	52	61	3.28
C0313 Operate emergency equipment	5.47	52	56	4.14
B0049 Operate ultra high-frequency (UHF) satellite communications (SATCOM) voice systems	5.26	41	53	4.37
A0031 Perform initialization of mission systems	5.21	45	60	4.68
C0325 Perform in-flight checklist procedures	5.18	79	81	4.25
A0021 Maintain current status of flight manuals, safety and operational supplements, or flight crew checklists	5.05	34	40	3.88
C0320 Perform crew coordination activities	5.03	34	44	4.01
A0014 Determine and perform alternate procedures or work-arounds for malfunctioning equipment	5.03	38	49	6.06
A0028 Perform preflight inspections, other than life support inspections	5.03	55	64	4.88
B0143 Troubleshoot computer systems	4.89	24	40	5.69
A0030 Perform premission requirements, such as reviewing FCIFs, MORFs, MCIFs, general information files, or annotating flight orders	4.79	76	79	3.31
A0035 Review aircrew currency requirements	4.76	41	50	3.77
B0103 Operate UHF SATCOM data systems	4.71	31	44	4.95
B0043 Operate high-frequency (HF) voice systems	4.66	38	53	4.29
B0070 Operate UHF amplitude modulation (AM) voice systems	4.63	21	40	4.14
C0309 Maintain logs, such as in-flight or maintenance	4.63	48	56	3.67
B0050 Troubleshoot UHF SATCOM voice systems	4.61	34	56	5.62
B0280 Operate oxygen systems	4.58	34	41	3.75
C0337 Practice or perform emergency procedures	4.55	62	61	4.26
C0314 Operate life support systems	4.55	31	44	4.07
A0011 Determine aircraft status	4.53	34	49	2.92
C0321 Perform emergency destruct procedures	4.53	41	51	4.60
B0071 Troubleshoot UHF AM voice systems	4.53	14	40	5.29
C0319 Perform authentication procedures	4.53	38	27	4.52

TE MEAN = 1.71; S.D. = 1.31; HIGH = 3.02

TABLE 28

EXAMPLES OF AFSC 1A3X1 TASKS WITH HIGHEST TASK DIFFICULTY RATINGS
(PERCENT MEMBERS PERFORMING)

TASKS		TSK DIF	1-24 MOS TAFMS	1-48 MOS TAFMS	3- SKL LVL	5- SKL LVL	7- SKL LVL	9- SKL LVL	CEM	TNG EMP
B0207	Repair flight director/autopilot systems	7.66	0	0	0	0	3	0	0	0.13
B0210	Repair FMSs, such as FMS 800	7.65	0	1	3	0	6	0	0	0.13
B0159	Repair jamming systems	7.61	3	3	0	4	4	0	0	0.39
B0141	Repair fiber optics systems	7.53	10	23	14	16	22	0	0	1.79
B0284	Repair software	7.15	10	17	8	11	18	0	0	1.16
B0225	Repair TIBSs	7.09	10	26	14	16	22	0	0	1.42
B0270	Repair radar pulse reception systems	7.06	0	3	3	2	1	0	0	0.00
B0264	Repair radar transmission systems	7.06	0	0	0	0	1	0	0	0.00
B0273	Repair radar MMI systems	7.06	3	1	3	1	3	0	0	0.00
B0258	Repair radar cooling systems	7.06	0	0	0	1	1	0	0	0.00
B0267	Repair radar Doppler reception systems	7.06	0	0	0	0	1	0	0	0.00
B0252	Repair radar systems	7.06	0	3	0	3	3	0	0	0.00
B0261	Repair radar computer components	7.06	0	0	0	0	1	0	0	0.00
B0279	Repair MCSs	7.06	0	0	0	0	0	0	0	0.00
B0237	Repair HDSs	7.06	0	6	5	4	7	0	0	0.63
B0255	Repair radar power distribution systems	7.06	3	3	0	1	3	0	0	0.00
B0057	Repair INMARSAT systems	7.01	0	1	3	8	16	14	17	1.29
B0096	Repair LF/VLF PA-Cs	6.96	7	9	8	9	3	0	0	0.76
B0174	Repair STUs	6.96	0	1	0	10	11	14	0	1.03
B0060	Repair SARs	6.92	0	0	0	0	5	0	0	0.89
B0123	Repair SCDLs	6.92	3	3	3	2	7	0	0	0.34
B0063	Repair LARSs	6.92	0	0	0	0	1	0	0	0.55
B0126	Repair JTIDSs	6.92	21	33	24	27	29	0	0	1.79
B0276	Repair environmental systems	6.88	3	4	3	4	8	14	0	0.34
B0204	Repair TACAN systems	6.87	0	1	3	2	5	0	0	0.13
E0419	Evaluate systems designs	6.83	0	0	0	4	20	29	17	0.32
B0129	Repair digital data distribution systems, such as LANs or buses	6.82	21	33	19	20	28	14	17	2.53
B0111	Repair MILSTAR terminals	6.81	3	9	11	8	4	14	0	0.74
TD MEAN = 5.00; S.D. = 1.00; HIGH = 6.00										

TABLE 29

EXAMPLES OF STS ELEMENTS NOT SUPPORTED BY SURVEY DATA
(NO PROFICIENCY CODE AND MORE THAN 20 PERCENT MEMBERS PERFORMING)

UNIT	LEARNING OBJECTIVE	PROF CODE	PERCENT MEMBERS PERFORMING		TNG EMP	TSK DIF	ATI
			1ST JOB (N=29)	1ST ENL (N=70)			
9.3.3 Task	Operate VHF Systems B0073. Operate commercial band/UHF/VHF transmitters	-	14	33	3.32	4.35	12
9.3.4. Tasks	Isolate malfunctions - VHF Systems B0074. Troubleshoot commercial band/UHF/VHF transmitters B0080. Troubleshoot VHF AM systems B0083. Troubleshoot VHF FM systems	-	14 28 21	33 47 43	2.87 3.71 4.08	5.43 4.79 4.84	15 12 12
9.5.1.3. Tasks	Operate Analog Audio Distribution Systems (Interphone Systems) B0184. Operate aircraft audio distribution systems (ADSs), such as PA systems or interphones B0199. Operate audio switching systems	-	28 28	39 34	3.05 3.08	3.65 4.43	10 12
9.5.1.4. Task	Isolate malfunctions - Analog Audio Distribution Systems (Interphone Systems) B0200. Troubleshoot audio switching systems	-	28	36	2.50	5.53	15
9.7.4. Task	Isolate malfunctions – Anti-Jam Systems B0092. Troubleshoot Have Quick systems	-	21	40	3.24	6.06	12
9.8.2.3. Task	Operate Joint Tactical Information Distribution System (JTIDS) B0124. Operate JTIDS	-	24	34	3.16	5.65	12
9.8.2.4. Task	Isolate malfunctions - Joint Tactical Information Distribution System (JTIDS) B0125. Troubleshoot JTIDS	-	28	40	2.87	6.35	15
9.9.4. Task	Operate Military Satellite Communications Systems/DAMA B0049. Operate UHF SATCOM voice systems	-	41	53	5.26	4.37	18

* Mean TE Rating = 1.71 Standard Deviation = 1.31 High TE = 3.02

** Mean TD Rating = 5.00 Standard Deviation = 1.00 High TD = 6.00

TABLE 30

EXAMPLES OF TASKS NOT REFERENCED TO STS
WITH 20 PERCENT OR MORE MEMBERS PERFORMING

TASKS	ATI	1ST-JOB PMP	1ST-ENL PMP
B0045. Repair HF voice systems	15	17	33
B0051. Repair UHF SATCOM voice systems	15	17	34
B0072. Repair UHF AM voice systems	15	10	30
B0102. Repair HF data systems	15	17	30
B0105. Repair UHF SATCOM data systems	15	14	30
B0126. Repair JTIDS	15	21	33
B0129. Repair digital data distribution systems, such as LANs or buses	15	21	33
B0132. Repair data switches or hubs	15	24	34
B0138. Repair collection receiver systems	15	10	30
B0144. Repair computer systems	15	17	33
B0147. Repair recording systems	15	21	30
B0169. Operate radio frequency (RF) distribution systems	15	14	31
B0170. Troubleshoot RF distribution systems	15	17	34
B0171. Repair RF distribution systems	15	14	30
B0172. Operate secure telephone units (STUs)	11	21	19
B0245. Troubleshoot BITE	15	24	37
C0328. Perform operational checkouts of aircraft mission systems after maintenance	12	31	41
C0329. Perform operational checkouts of aircraft mission systems after modifications	12	17	31
C0330. Perform operational tests of program software after modifications	15	21	30
D0359. Perform alert aircraft changeovers	15	41	30
D0360. Perform alert crew changeovers	15	48	33
D0368. Perform alert force or alert reaction exercises	14	45	34

TABLE 31

COMPARISON OF JOB SATISFACTION INDICATORS FOR CURRENT 1A3X1 SURVEY
AND PREVIOUS 1A3X1 SURVEY
(PERCENT MEMBERS RESPONDING)

	AFSC 1A3X1 1-48 MONTHS' TAFMS		AFSC 1A3X1 49-96 MONTHS' TAFMS		AFSC 1A3X1 97+ MONTHS' TAFMS	
	2002 (N=70)	1999 (N=40)	2002 (N=110)	1999 (N=177)	2002 (N=244)	1999 (N=82)
<u>EXPRESSED JOB INTEREST</u>						
INTERESTING	77	68	71	73	88	80
SO-SO	6	22	17	16	8	10
DULL	17	10	12	11	4	10
<u>PERCEIVED USE OF TALENTS</u>						
FAIRLY WELL TO PERFECTLY	74	70	78	79	91	87
NONE TO VERY LITTLE	26	30	22	21	9	13
<u>PERCEIVED USE OF TRAINING</u>						
FAIRLY WELL TO PERFECTLY	85	88	88	88	87	82
NONE TO VERY LITTLE	15	12	12	12	13	18
<u>SENSE OF ACCOMPLISHMENT FROM JOB</u>						
SATISFIED	64	55	69	68	79	79
NEUTRAL	10	17	11	12	9	9
DISSATISFIED	26	28	20	20	12	12
<u>REENLISTMENT INTENTIONS</u>						
YES OR PROBABLY YES	50	45	54	53	59	52
NO OR PROBABLY NO	50	55	45	40	8	5
WILL RETIRE	0	0	1	7	33	43

TABLE 32

COMPARISON OF JOB SATISFACTION INDICATORS FOR AFSC 1A3X1
AND COMPARATIVE SAMPLE GROUPS
(PERCENT MEMBERS RESPONDING)

	1-48 MONTHS' TAFMS		49-96 MONTHS' TAFMS		97+ MONTHS' TAFMS	
	1A3X1 (N=70)	COMP (N=280)	1A3X1 (N=110)	COMP (N=188)	1A3X1 (N=244)	COMP (N=493)
<u>EXPRESSED JOB INTEREST</u>						
INTERESTING	77	58	71	67	88	71
SO-SO	6	23	17	19	8	17
DULL	17	19	12	14	4	12
<u>PERCEIVED USE OF TALENTS</u>						
FAIRLY WELL TO PERFECTLY	74	69	78	73	91	81
NONE TO VERY LITTLE	26	31	22	37	9	19
<u>PERCEIVED USE OF TRAINING</u>						
FAIRLY WELL TO PERFECTLY	85	82	88	84	87	82
NONE TO VERY LITTLE	15	18	12	16	13	18
<u>SENSE OF ACCOMPLISHMENT FROM JOB</u>						
SATISFIED	64	50	69	59	79	63
NEUTRAL	10	20	11	13	9	13
DISSATISFIED	26	30	20	28	12	24
<u>REENLISTMENT INTENTIONS</u>						
YES OR PROBABLY YES	50	50	54	61	59	56
NO OR PROBABLY NO	50	50	45	36	8	8
WILL RETIRE	0	0	1	3	33	36

* Comparative sample for AFSCs surveyed in last 12 months, including 1C3X1 (Command Post) and 1C4X1 (Tactical Air Command and Control)

TABLE 33

JOB SATISFACTION INDICATORS BASED ON AIRCRAFT PLATFORM TO WHICH ASSIGNED
(PERCENT MEMBERS RESPONDING)

	C-20 (N=21)	C-32 (N=14)	C-37 (N=6)	C-135 (N=5)	E-3 (N=287)	E-4 (N=66)	E-8 (N=42)
<u>EXPRESSED JOB INTEREST</u>							
INTERESTING	86	86	100	80	73	82	83
SO-SO	14	14	0	20	15	11	7
DULL	0	0	0	0	12	7	10
<u>PERCEIVED USE OF TALENTS</u>							
EXCELLENT TO PERFECT	33	22	50	20	10	9	26
FAIRLY WELL TO VERY WELL	67	71	33	80	69	74	62
NONE TO VERY LITTLE	0	7	17	0	21	17	12
<u>PERCEIVED USE OF TRAINING</u>							
EXCELLENT TO PERFECT	34	14	17	0	15	18	36
FAIRLY WELL TO VERY WELL	52	79	67	100	76	71	60
NONE TO VERY LITTLE	14	7	16	0	9	11	4
<u>SENSE OF ACCOMPLISHMENT FROM JOB</u>							
SATISFIED	81	86	100	80	71	73	71
NEUTRAL	5	7	0	0	12	12	10
DISSATISFIED	14	7	0	20	17	15	19
<u>REENLISTMENT INTENTIONS</u>							
YES OR PROBABLY YES	57	58	83	60	56	61	69
NO OR PROBABLY NO	19	21	0	20	32	26	17
WILL RETIRE	24	21	17	20	12	13	14

TABLE 33 (CONTINUED)

JOB SATISFACTION INDICATORS BASED ON AIRCRAFT PLATFORM TO WHICH ASSIGNED
(PERCENT MEMBERS RESPONDING)

	EC-130 (N=46)	EC-135 (N=4)	HC-130 (N=20)	MC-130 (N=22)	OC-135 (N=6)	RC-135 (N=93)	VC-25 (N=7)
<u>EXPRESSED JOB INTEREST</u>							
INTERESTING	74	100	65	91	83	86	100
SO-SO	11	0	20	9	0	8	0
DULL	15	0	15	0	17	6	0
<u>PERCEIVED USE OF TALENTS</u>							
EXCELLENT TO PERFECT	24	0	10	23	17	27	71
FAIRLY WELL TO VERY WELL	59	100	55	68	83	60	29
NONE TO VERY LITTLE	17	0	35	9	0	13	0
<u>PERCEIVED USE OF TRAINING</u>							
EXCELLENT TO PERFECT	20	0	10	18	0	26	71
FAIRLY WELL TO VERY WELL	54	75	60	77	67	61	29
NONE TO VERY LITTLE	26	25	30	5	33	13	0
<u>SENSE OF ACCOMPLISHMENT FROM JOB</u>							
SATISFIED	61	50	65	82	83	72	100
NEUTRAL	17	25	0	9	17	10	0
DISSATISFIED	22	25	35	9	0	18	0
<u>REENLISTMENT INTENTIONS</u>							
YES OR PROBABLY YES	59	75	65	68	50	49	71
NO OR PROBABLY NO	15	0	25	9	0	25	0
WILL RETIRE	26	25	10	23	50	26	29

TABLE 34

JOB SATISFACTION INDICATORS BASED ON PRIMARY MISSION PERFORMED
(PERCENT MEMBERS RESPONDING)

	ABCCC (N=22)	AWACS, NOT NATO (N=243)	NATO AWACS (N=39)	COBRA BALL (N=16)	COMBAT SENT (N=14)	COMBAT SHADOW (N=20)	CINC SUPPORT (N=5)	COMPASS CALL (N=10)	JSTARS (N=41)
<u>EXPRESSED JOB INTEREST</u>									
INTERESTING	68	75	85	88	93	90	80	90	83
SO-SO	5	15	5	12	7	10	20	10	7
DULL	27	10	10	0	0	0	0	0	10
<u>PERCEIVED USE OF TALENTS</u>									
EXCELLENT TO PERFECT	5	13	13	0	36	20	0	40	27
FAIRLY WELL TO VERY WELL	68	69	64	94	57	70	80	60	63
NONE TO VERY LITTLE	27	18	23	6	7	10	20	0	10
<u>PERCEIVED USE OF TRAINING</u>									
EXCELLENT TO PERFECT	9	14	18	0	36	15	0	30	37
FAIRLY WELL TO VERY WELL	68	76	77	88	50	80	80	40	61
NONE TO VERY LITTLE	23	10	5	12	14	5	20	30	2
<u>SENSE OF ACCOMPLISHMENT FROM JOB</u>									
SATISFIED	59	74	64	69	93	80	80	80	73
NEUTRAL	5	11	18	19	0	5	0	20	10
DISSATISFIED	36	15	18	12	7	15	20	0	17
<u>REENLISTMENT INTENTIONS</u>									
YES OR PROBABLY YES	64	55	80	50	50	70	80	40	71
NO OR PROBABLY NO	18	37	10	13	14	10	20	10	17
WILL RETIRE	18	8	10	37	36	20	0	50	12

TABLE 34 (CONTINUED)

JOB SATISFACTION INDICATORS BASED ON
PRIMARY MISSION PERFORMED
(PERCENT MEMBERS RESPONDING)

	NAOC (N=65)	OPEN SKIES (N=5)	OPERATIONAL SUPPORT AIRLIFT (N=4)	RESCUE (N=19)	RIVET JOINT (N=62)	SENIOR SCOUT (N=16)	SPECIAL AIR MISSIONS (N=48)	STAFF (N=6)	TECH TRAINING (N=9)
<u>EXPRESSED JOB INTEREST</u>									
INTERESTING	82	100	75	63	84	75	92	83	78
SO-SO	11	0	25	21	6	19	8	0	0
DULL	7	0	0	16	10	6	0	17	22
<u>PERCEIVED USE OF TALENTS</u>									
EXCELLENT TO PERFECT	8	20	25	16	28	44	40	17	34
FAIRLY WELL TO VERY WELL	75	80	75	47	56	38	58	50	44
NONE TO VERY LITTLE	17	0	0	37	16	18	2	33	22
<u>PERCEIVED USE OF TRAINING</u>									
EXCELLENT TO PERFECT	17	0	25	16	29	31	29	17	45
FAIRLY WELL TO VERY WELL	72	60	50	53	56	38	65	33	44
NONE TO VERY LITTLE	11	40	25	31	15	31	6	50	11
<u>SENSE OF ACCOMPLISHMENT FROM JOB</u>									
SATISFIED	71	100	50	68	68	50	90	67	45
NEUTRAL	14	0	25	0	11	38	2	0	22
DISSATISFIED	15	0	25	32	21	12	8	33	33
<u>REENLISTMENT INTENTIONS</u>									
YES OR PROBABLY YES	60	60	100	63	49	69	63	67	56
NO OR PROBABLY NO	26	0	0	26	27	13	17	0	22
WILL RETIRE	14	40	0	11	24	18	20	33	22

TABLE 35

COMPARISON OF REENLISTMENT FACTORS BY TAFMS GROUPS –
PERCENT OF RESPONDENTS SELECTING EACH FACTOR AND
AVERAGE SCORE AMONG THOSE SELECTING EACH FACTOR

	1-48 MONTHS' TAFMS (N=34)		49-96 MONTHS' TAFMS (N=59)		97+ MONTHS' TAFMS (N=144)	
<i>31 FACTORS LISTED IN ORDER OF APPEARANCE IN SURVEY</i> Scale: 1 = Slight Influence; 2 = Moderate Influence; 3 = Strong Influence	Percent Selecting	Average	Percent Selecting	Average	Percent Selecting	Average
MILITARY LIFESTYLE	56	2.32	59	2.23	51	2.33
PAY AND ALLOWANCES	53	2.28	66	2.46	49	2.25
BONUS OR SPECIAL PAY	44	2.47	78	2.63	47	2.31
RETIREMENT BENEFITS	50	2.41	64	2.66	71	2.71
MILITARY-RELATED EDU & TRNG OPPORTUNITIES	50	2.47	53	2.06	44	2.16
OFF-DUTY EDU OR TRAINING OPPORTUNITIES	47	2.44	41	2.46	40	2.41
MEDICAL/ DENTAL CARE FOR AD MEMBER	53	2.44	58	2.56	49	2.44
MEDICAL/ DENTAL CARE FOR FAMILY MEMBERS	32	2.18	46	2.63	42	2.49
BASE HOUSING	9	2.00	15	2.33	7	1.80
BASE SERVICES	15	2.00	19	2.00	10	2.13
CHILDCARE NEEDS	6	2.00	5	2.67	5	1.86
SPOUSE'S CAREER	0	0.00	8	2.20	9	2.08
CIVILIAN JOB OPPORTUNITIES	15	2.20	20	2.92	14	2.35
EQUAL EMPLOYMENT OPPORTUNITIES	6	2.00	7	2.75	5	2.14
NUMBER OF PCS MOVES	6	2.00	14	2.38	8	2.18
LOCATION OF PRESENT ASSIGNMENT	18	2.00	25	2.33	39	2.57
NUMBER/DURATION OF TDYS OR DEPLOYMENTS	29	1.90	31	2.28	25	2.19
WORK SCHEDULE	26	2.22	41	1.96	28	2.10
ADDITIONAL DUTIES	6	1.50	17	2.00	10	2.07
JOB SECURITY	50	2.59	73	2.58	63	2.51
ENLISTED EVALUATION SYSTEM	9	1.67	15	2.22	5	1.86
PROMOTION OPPORTUNITIES	38	2.23	36	2.57	26	2.46
TRAINING/EXPERIENCE OF UNIT PERSONNEL	15	2.00	10	2.67	12	2.33
UNIT MANNING	6	2.00	14	2.12	6	2.11
UNIT RESOURCES	0	0.00	10	2.00	6	2.00
UNIT READINESS	6	2.00	10	2.17	6	2.11
RECOGNITION OF EFFORTS	21	2.14	22	2.15	15	2.19
ESPRIT DE CORPS/MORALE	29	2.10	32	2.63	33	2.40
LEADERSHIP OF IMMEDIATE SUPERVISOR	12	2.00	19	2.36	16	2.30
LEADERSHIP AT UNIT LEVEL	12	1.75	22	2.15	17	2.48
SENIOR AIR FORCE LEADERSHIP	6	1.50	14	2.25	8	2.50

TOP 5 REASONS FOR MEMBERS REENLISTING BY TAFMS GROUP

1-48 MONTHS' TAFMS (N=34)	49-96 MONTHS' TAFMS (N=59)	97+ MONTHS' TAFMS (N=144)
MILITARY LIFESTYLE	BONUS OR SPECIAL PAY	RETIREMENT BENEFITS
PAY AND ALLOWANCES	JOB SECURITY	JOB SECURITY
MEDICAL/ DENTAL CARE FOR AD MEMBER	PAY AND ALLOWANCES	MILITARY LIFESTYLE
JOB SECURITY	RETIREMENT BENEFITS	PAY AND ALLOWANCES
MILITARY-RELATED EDU & TRNG OPPORTUNITIES	MILITARY LIFESTYLE	MEDICAL/ DENTAL CARE FOR AD MEMBER

TABLE 36

COMPARISON OF SEPARATION FACTORS BY TAFMS GROUPS –
PERCENT OF RESPONDENTS SELECTING EACH FACTOR AND
AVERAGE SCORE AMONG THOSE SELECTING EACH FACTOR

31 FACTORS LISTED IN ORDER OF APPEARANCE IN SURVEY Scale: 1 = Slight Influence; 2 = Moderate Influence; 3 = Strong Influence	1-48 MONTHS' TAFMS (N=35)		49-96 MONTHS' TAFMS (N=50)		97+ MONTHS' TAFMS (N=19)	
	Percent Selecting	Average	Percent Selecting	Average	Percent Selecting	Average
MILITARY LIFESTYLE	49	1.76	46	2.17	26	1.60
PAY AND ALLOWANCES	43	2.20	60	2.23	63	2.25
BONUS OR SPECIAL PAY	20	1.86	28	1.93	26	2.00
RETIREMENT BENEFITS	0	0.00	20	1.90	32	2.33
MILITARY-RELATED EDU & TRNG OPPORTUNITIES	14	2.20	14	1.57	16	2.00
OFF-DUTY EDU OR TRAINING OPPORTUNITIES	34	2.83	34	2.35	32	2.50
MEDICAL/ DENTAL CARE FOR AD MEMBER	9	1.67	14	2.29	32	2.50
MEDICAL/ DENTAL CARE FOR FAMILY MEMBERS	6	2.00	14	2.14	16	2.67
BASE HOUSING	3	3.00	14	2.43	16	2.33
BASE SERVICES	6	2.50	10	1.80	16	1.67
CHILDCARE NEEDS	3	3.00	18	2.11	5	3.00
SPOUSE'S CAREER	0	0.00	20	2.20	16	2.67
CIVILIAN JOB OPPORTUNITIES	34	2.33	40	2.65	42	2.62
EQUAL EMPLOYMENT OPPORTUNITIES	3	2.00	8	1.75	11	2.50
NUMBER OF PCS MOVES	11	2.50	12	2.00	0	0.00
LOCATION OF PRESENT ASSIGNMENT	34	2.25	34	2.53	16	2.67
NUMBER/DURATION OF TDYS OR DEPLOYMENTS	29	2.40	48	2.54	26	2.60
WORK SCHEDULE	20	2.29	26	2.31	21	3.00
ADDITIONAL DUTIES	3	3.00	24	1.88	16	3.00
JOB SECURITY	9	2.33	10	1.00	0	0.00
ENLISTED EVALUATION SYSTEM	14	2.60	22	2.18	11	3.00
PROMOTION OPPORTUNITIES	14	2.60	20	2.30	32	2.67
TRAINING/EXPERIENCE OF UNIT PERSONNEL	14	2.80	20	2.30	16	2.00
UNIT MANNING	26	2.89	40	2.80	26	2.60
UNIT RESOURCES	14	2.40	16	2.50	37	1.86
UNIT READINESS	0	0.00	12	2.67	5	2.00
RECOGNITION OF EFFORTS	26	2.22	40	2.25	26	2.20
ESPRIT DE CORPS/MORALE	23	2.88	34	2.59	32	2.50
LEADERSHIP OF IMMEDIATE SUPERVISOR	14	2.60	24	2.25	5	3.00
LEADERSHIP AT UNIT LEVEL	23	2.75	36	2.44	21	2.25
SENIOR AIR FORCE LEADERSHIP	11	3.00	22	2.45	37	2.86

TOP 5 REASONS FOR MEMBERS SEPARATING BY TAFMS GROUP

1-48 MONTHS' TAFMS (N=35)	49-96 MONTHS' TAFMS (N=50)	97+ MONTHS' TAFMS (N=19)
MILITARY LIFESTYLE	PAY AND ALLOWANCES	PAY AND ALLOWANCES
PAY AND ALLOWANCES	NUMBER/DURATION OF TDYS OR DEPLOYMENTS	CIVILIAN JOB OPPORTUNITIES
OFF-DUTY EDU OR TRAINING OPPORTUNITIES	MILITARY LIFESTYLE	UNIT RESOURCES
CIVILIAN JOB OPPORTUNITIES	CIVILIAN JOB OPPORTUNITIES	SENIOR AIR FORCE LEADERSHIP
LOCATION OF PRESENT ASSIGNMENT	UNIT MANNING	PROMOTION OPPORTUNITIES

TABLE 37

TIME SPENT ON DUTIES BASED ON AIRCRAFT PLATFORM TO WHICH ASSIGNED
(PERCENT RESPONDING)

DUTIES	C-20 (N=21)	C-32 (N=14)	C-37 (N=6)	C-135 (N=5)	E-3 (N=121)	E-4 (N=66)	E-8 (N=22)
A PERFORMING MISSION PLANNING, PREMISSION, OR PREFLIGHT ACTIVITIES	20	17	25	20	20	18	21
B PERFORMING OPERATIONS OR MAINTENANCE OF COMMUNICATIONS OR ELECTRONICS SYSTEMS	35	34	37	32	46	42	40
C PERFORMING GENERAL AIRBORNE COMMUNICATIONS OR MISSION SYSTEMS ACTIVITIES	13	14	13	12	11	12	14
D PERFORMING MOBILITY AND CONTINGENCY ACTIVITIES	4	3	4	5	6	8	4
E PERFORMING MANAGEMENT AND SUPERVISORY ACTIVITIES	12	15	11	14	8	8	9
F PERFORMING TRAINING ACTIVITIES	6	8	2	7	4	5	4
G PERFORMING GENERAL ADMINISTRATIVE AND TECHNICAL ORDER (TO) SYSTEM ACTIVITIES	8	8	7	7	4	6	7
H PERFORMING GENERAL SUPPLY AND EQUIPMENT ACTIVITIES	2	1	1	3	1	1	1

TABLE 37 (CONTINUED)

TIME SPENT ON DUTIES BASED ON AIRCRAFT PLATFORM TO WHICH ASSIGNED
(PERCENT RESPONDING)

DUTIES	EC-130 (N=46)	EC-135 (N=4)	HC-130 (N=20)	MC-130 (N=22)	OC-135 (N=6)	RC-135 (N=93)	VC-25 (N=7)
A PERFORMING MISSION PLANNING, PREMISSION, OR PREFLIGHT ACTIVITIES	16	24	23	20	17	14	13
B PERFORMING OPERATIONS OR MAINTENANCE OF COMMUNICATIONS OR ELECTRONICS SYSTEMS	41	44	28	26	24	51	45
C PERFORMING GENERAL AIRBORNE COMMUNICATIONS OR MISSION SYSTEMS ACTIVITIES	15	12	14	16	21	12	12
D PERFORMING MOBILITY AND CONTINGENCY ACTIVITIES	5	1	10	7	4	4	2
E PERFORMING MANAGEMENT AND SUPERVISORY ACTIVITIES	9	5	10	12	18	8	12
F PERFORMING TRAINING ACTIVITIES	6	3	5	6	8	5	6
G PERFORMING GENERAL ADMINISTRATIVE AND TECHNICAL ORDER (TO) SYSTEM ACTIVITIES	6	10	8	11	3	3	8
H PERFORMING GENERAL SUPPLY AND EQUIPMENT ACTIVITIES	2	1	2	2	5	3	2

TABLE 38

REPRESENTATIVE TASKS PERFORMED BY C-20 PERSONNEL

TASKS		PERCENT MEMBERS PERFORMING (N=21)
B0049	Operate ultra high-frequency (UHF) satellite communications (SATCOM) voice systems	100
A0024	Obtain and secure COMSEC material	100
B0050	Troubleshoot UHF SATCOM voice systems	100
C0325	Perform in-flight checklist procedures	95
B0043	Operate high-frequency (HF) voice systems	95
B0106	Operate facsimile (fax) systems	95
A0022	Obtain classified materials or documents	90
B0103	Operate UHF SATCOM data systems	90
G0487	Destroy COMSEC or classified materials or documents	90
A0013	Determine mission communications requirements	90
A0030	Perform premission requirements, such as reviewing FCIFs, MORFs, MCIFs, general information files, or annotating flight orders	90
A0039	Secure personal equipment on aircraft during preflight	90
B0044	Troubleshoot HF voice systems	90
B0107	Troubleshoot fax systems	90
A0028	Perform preflight inspections, other than life support inspections	86
B0190	Operate cryptographic loading devices	86
G0501	Maintain personal aircrew flight manuals or checklists	86
C0309	Maintain logs, such as in-flight or maintenance	86
A0025	Participate in general or specialized mission briefings	86
B0104	Troubleshoot UHF SATCOM data systems	86
A0037	Review or update isolated personnel report (ISOPREP) cards	86
A0008	Coordinate mission requirements, other than software requirements, with appropriate agencies	81
E0430	Maintain aircrew currency requirements	81
B0055	Operate international maritime satellite (INMARSAT) systems	81
A0036	Review emergency procedures	81
A0026	Participate in premission briefings, other than conducting	81
A0018	Review Air Force Technical Order (AFTO) Forms 781 (Aircraft Discrepancy, Inspection, and Maintenance Records)	81
B0070	Operate UHF amplitude modulation (AM) voice systems	81
B0220	Operate cryptographic systems	76
A0016	Establish communications security (COMSEC) requirements	76
E0382	Adjust daily schedules to meet operational commitments	76
B0172	Operate secure telephone units (STUs)	76
B0214	Operate identification friend or foe (IFF) systems	76
A0021	Maintain current status of flight manuals, safety and operational supplements, or flight crew checklists	76
C0320	Perform crew coordination activities	76
A0035	Review aircrew currency requirements	76
C0331	Perform postflight inspections	76
B0064	Operate terrestrial aeronautical radio/telephone systems (TARSS)	71
A0038	Secure mission equipment on aircraft during preflight	71
A0031	Perform initialization of mission systems	71
G0482	Annotate cabinet, safe, or room security forms	71

* Average Number of Tasks Performed – 136

TABLE 39

REPRESENTATIVE TASKS PERFORMED BY C-32 PERSONNEL

TASKS		PERCENT MEMBERS PERFORMING (N=14)
B0055	Operate international maritime satellite (INMARSAT) systems	100
B0172	Operate secure telephone units (STUs)	100
B0049	Operate ultra high-frequency (UHF) satellite communications (SATCOM) voice systems	100
A0024	Obtain and secure COMSEC material	100
A0039	Secure personal equipment on aircraft during preflight	100
A0018	Review Air Force Technical Order (AFTO) Forms 781 (Aircraft Discrepancy, Inspection, and Maintenance Records)	100
B0106	Operate facsimile (fax) systems	93
C0325	Perform in-flight checklist procedures	93
A0036	Review emergency procedures	93
A0030	Perform premission requirements, such as reviewing FCIFs, MORFs, MCIFs, general information files, or annotating flight orders	93
G0487	Destroy COMSEC or classified materials or documents	93
C0297	Coordinate communications traffic flow with distinguished visitors or contacts	86
E0430	Maintain aircrew currency requirements	86
B0229	Operate video systems	86
B0103	Operate UHF SATCOM data systems	86
B0107	Troubleshoot fax systems	86
B0190	Operate cryptographic loading devices	86
A0021	Maintain current status of flight manuals, safety and operational supplements, or flight crew checklists	86
A0028	Perform preflight inspections, other than life support inspections	86
B0064	Operate terrestrial aeronautical radio/telephone systems (TARSS)	86
B0173	Troubleshoot STUs	86
A0014	Determine and perform alternate procedures or work-arounds for malfunctioning equipment	86
B0282	Operate software	79
C0309	Maintain logs, such as in-flight or maintenance	79
C0320	Perform crew coordination activities	79
E0438	Plan communications support for special missions	79
G0510	Prepare travel expense documentation	79
C0298	Coordinate corrections of aircraft discrepancies or malfunctions with crew members	79
A0035	Review aircrew currency requirements	79
A0026	Participate in premission briefings, other than conducting	79
B0056	Troubleshoot INMARSAT systems	79
B0082	Operate VHF frequency modulation (FM) systems	79
B0050	Troubleshoot UHF SATCOM voice systems	79
E0436	Perform enlisted aircrew coordinator (EAC) duties	79
G0508	Prepare crew travel vouchers	71
A0025	Participate in general or specialized mission briefings	71
C0301	Coordinate phone patches or intercommunications with appropriate personnel	71
C0296	Clean interior of aircraft	71
A0031	Perform initialization of mission systems	71
F0465	Determine training requirements	71

* Average Number of Tasks Performed – 118

TABLE 40
REPRESENTATIVE TASKS PERFORMED BY C-37 PERSONNEL

TASKS		PERCENT MEMBERS PERFORMING (N=6)
A0024	Obtain and secure COMSEC material	100
B0106	Operate facsimile (fax) systems	100
A0028	Perform preflight inspections, other than life support inspections	100
C0325	Perform in-flight checklist procedures	100
A0013	Determine mission communications requirements	100
B0064	Operate terrestrial aeronautical radio/telephone systems (TARSs)	100
A0030	Perform premission requirements, such as reviewing FCIFs, MORFs, MCIFs, general information files, or annotating flight orders	100
B0055	Operate international maritime satellite (INMARSAT) systems	100
B0056	Troubleshoot INMARSAT systems	100
B0103	Operate UHF SATCOM data systems	100
B0107	Troubleshoot fax systems	100
B0050	Troubleshoot UHF SATCOM voice systems	100
B0065	Troubleshoot TARSs	100
B0104	Troubleshoot UHF SATCOM data systems	100
A0022	Obtain classified materials or documents	83
B0190	Operate cryptographic loading devices	83
C0320	Perform crew coordination activities	83
A0039	Secure personal equipment on aircraft during preflight	83
G0487	Destroy COMSEC or classified materials or documents	83
E0438	Plan communications support for special missions	83
B0049	Operate ultra high-frequency (UHF) satellite communications (SATCOM) voice systems	83
B0043	Operate high-frequency (HF) voice systems	83
A0035	Review aircrew currency requirements	83
A0026	Participate in premission briefings, other than conducting	83
A0008	Coordinate mission requirements, other than software requirements, with appropriate agencies	83
A0025	Participate in general or specialized mission briefings	83
A0014	Determine and perform alternate procedures or work-arounds for malfunctioning equipment	83
A0037	Review or update isolated personnel report (ISOPREP) cards	83
C0319	Perform authentication procedures	83
B0172	Operate secure telephone units (STUs)	67
B0220	Operate cryptographic systems	67
C0301	Coordinate phone patches or intercommunications with appropriate personnel	67
C0309	Maintain logs, such as in-flight or maintenance	67
E0382	Adjust daily schedules to meet operational commitments	67
A0003	Assemble professional or personal flight gear	67
A0001	Annotate mission planning forms	67
A0016	Establish communications security (COMSEC) requirements	67
E0447	Schedule personnel for temporary duty (TDY) assignments, leaves, or passes	67
G0482	Annotate cabinet, safe, or room security forms	67
E0430	Maintain aircrew currency requirements	67
A0004	Conduct premission briefings, including certifications	67
A0020	Maintain COMSEC subaccounts	67

* Average Number of Tasks Performed – 81

TABLE 41

REPRESENTATIVE TASKS PERFORMED BY C-135 PERSONNEL

TASKS		PERCENT MEMBERS PERFORMING (N=5)
A0031	Perform initialization of mission systems	100
A0026	Participate in premission briefings, other than conducting	100
A0036	Review emergency procedures	100
A0025	Participate in general or specialized mission briefings	100
A0038	Secure mission equipment on aircraft during preflight	100
A0003	Assemble professional or personal flight gear	100
A0028	Perform preflight inspections, other than life support inspections	100
A0029	Perform preflight life support inspections	100
A0030	Perform premission requirements, such as reviewing FCIFs, MORFs, MCIFs, general information files, or annotating flight orders	100
A0035	Review aircrew currency requirements	100
A0022	Obtain classified materials or documents	100
A0039	Secure personal equipment on aircraft during preflight	100
B0103	Operate UHF SATCOM data systems	80
E0438	Plan communications support for special missions	80
B0056	Troubleshoot INMARSAT systems	80
B0050	Troubleshoot UHF SATCOM voice systems	80
B0044	Troubleshoot HF voice systems	80
B0055	Operate international maritime satellite (INMARSAT) systems	80
B0043	Operate high-frequency (HF) voice systems	80
A0014	Determine and perform alternate procedures or work-arounds for malfunctioning equipment	80
C0297	Coordinate communications traffic flow with distinguished visitors or contacts	80
A0013	Determine mission communications requirements	80
G0508	Prepare crew travel vouchers	80
C0329	Perform operational checkouts of aircraft mission systems after modifications	80
A0037	Review or update isolated personnel report (ISOPREP) cards	80
G0482	Annotate cabinet, safe, or room security forms	80
E0430	Maintain aircrew currency requirements	80
A0016	Establish communications security (COMSEC) requirements	80
C0328	Perform operational checkouts of aircraft mission systems after maintenance	80
G0501	Maintain personal aircrew flight manuals or checklists	80
F0462	Conduct mission qualification training (MQT)	80
A0020	Maintain COMSEC subaccounts	80
A0024	Obtain and secure COMSEC material	80
A0008	Coordinate mission requirements, other than software requirements, with appropriate agencies	80
C0325	Perform in-flight checklist procedures	80
A0018	Review Air Force Technical Order (AFTO) Forms 781 (Aircraft Discrepancy, Inspection, and Maintenance Records)	80
G0491	Identify and report suspected security compromises	80
D0351	Fire weapons, such as 9mm handguns or M-16 rifles	80
A0002	Assemble communications kits	80
A0001	Annotate mission planning forms	80
E0413	Evaluate communications operations	60
B0057	Repair INMARSAT systems	60

* Average Number of Tasks Performed – 140

TABLE 42

REPRESENTATIVE TASKS PERFORMED BY E-3 PERSONNEL

TASKS		PERCENT MEMBERS PERFORMING (N=121)
B0043	Operate high-frequency (HF) voice systems	96
A0030	Perform premission requirements, such as reviewing FCIFs, MORFs, MCIFs, general information files, or annotating flight orders	96
B0163	Operate wideband secure voice (WBSV) cryptographic systems	94
B0049	Operate ultra high-frequency (UHF) satellite communications (SATCOM) voice systems	93
A0028	Perform preflight inspections, other than life support inspections	92
B0079	Operate VHF AM systems	91
B0044	Troubleshoot HF voice systems	91
B0164	Troubleshoot WBSV cryptographic systems	91
B0190	Operate cryptographic loading devices	90
A0025	Participate in general or specialized mission briefings	90
A0018	Review Air Force Technical Order (AFTO) Forms 781 (Aircraft Discrepancy, Inspection, and Maintenance Records)	90
B0091	Operate Have Quick systems	89
A0006	Coordinate data links with other link players or appropriate link authorization agencies	89
B0040	Operate high-power transmitters	88
A0001	Annotate mission planning forms	88
B0160	Operate narrowband secure voice (NBSV) cryptographic systems	88
B0050	Troubleshoot UHF SATCOM voice systems	88
B0161	Troubleshoot NBSV cryptographic systems	88
B0118	Operate tactical digital information links (TADILs)	87
B0100	Operate HF data systems	87
B0119	Troubleshoot TADILs	87
B0184	Operate aircraft audio distribution systems (ADSs), such as public address (PA) systems or interphones	87
A0014	Determine and perform alternate procedures or work-arounds for malfunctioning equipment	87
B0080	Troubleshoot VHF AM systems	86
A0036	Review emergency procedures	84
A0021	Maintain current status of flight manuals, safety and operational supplements, or flight crew checklists	83
B0101	Troubleshoot HF data systems	83
C0325	Perform in-flight checklist procedures	82
A0039	Secure personal equipment on aircraft during preflight	82
B0082	Operate VHF frequency modulation (FM) systems	82
B0185	Troubleshoot aircraft ADSs, such as PA systems or interphones	82
A0026	Participate in premission briefings, other than conducting	80
A0003	Assemble professional or personal flight gear	79
B0092	Troubleshoot Have Quick systems	78
A0031	Perform initialization of mission systems	77
B0220	Operate cryptographic systems	77
B0041	Troubleshoot high-power transmitters	77
B0083	Troubleshoot VHF FM systems	76
A0013	Determine mission communications requirements	75

* Average Number of Tasks Performed – 117

TABLE 43

REPRESENTATIVE TASKS PERFORMED BY E-4 PERSONNEL

TASKS		PERCENT MEMBERS PERFORMING (N=66)
D0360	Perform alert crew changeovers	83
A0030	Perform premission requirements, such as reviewing FCIFs, MORFs, MCIFs, general information files, or annotating flight orders	83
A0036	Review emergency procedures	80
D0359	Perform alert aircraft changeovers	77
C0325	Perform in-flight checklist procedures	76
D0367	Perform standby alert procedures	74
A0039	Secure personal equipment on aircraft during preflight	74
D0368	Practice alert force or alert reaction exercises	73
B0110	Troubleshoot MILSTAR terminals	68
C0313	Operate emergency equipment	68
B0190	Operate cryptographic loading devices	67
C0320	Perform crew coordination activities	67
A0025	Participate in general or specialized mission briefings	67
A0038	Secure mission equipment on aircraft during preflight	67
A0022	Obtain classified materials or documents	65
A0024	Obtain and secure COMSEC material	64
C0309	Maintain logs, such as in-flight or maintenance	64
B0052	Operate UHF frequency division multiplexer (FDM) systems	62
A0026	Participate in premission briefings, other than conducting	62
C0337	Practice or perform emergency procedures	62
A0003	Assemble professional or personal flight gear	61
B0109	Operate military strategic, tactical and relay (MILSTAR) terminals	61
B0280	Operate oxygen systems	61
B0113	Troubleshoot MPSs	59
C0331	Perform postflight inspections	59
A0031	Perform initialization of mission systems	58
A0028	Perform preflight inspections, other than life support inspections	56
B0068	Troubleshoot DAMA systems	56
E0430	Maintain aircrew currency requirements	55
B0067	Operate demand assigned multiple access (DAMA) systems	55
A0023	Obtain specialized mission equipment, such as audio tapes, communications kits, hard drives, optical disks, test equipment, video tapes, time modules, or tool kits	55
B0220	Operate cryptographic systems	53
A0035	Review aircrew currency requirements	53
B0044	Troubleshoot HF voice systems	53
B0050	Troubleshoot UHF SATCOM voice systems	53
B0104	Troubleshoot UHF SATCOM data systems	53
B0191	Troubleshoot cryptographic loading devices	53
B0221	Troubleshoot cryptographic systems	53
B0155	Troubleshoot data encryption devices	53
B0053	Troubleshoot UHF FDM systems	52
B0154	Operate data encryption devices	52
B0040	Operate high-power transmitters	52
A0014	Determine and perform alternate procedures or work-arounds for malfunctioning equipment	52

* Average Number of Tasks Performed – 102

TABLE 44

REPRESENTATIVE TASKS PERFORMED BY E-8 PERSONNEL

TASKS		PERCENT MEMBERS PERFORMING (N=22)
B0049	Operate ultra high-frequency (UHF) satellite communications (SATCOM) voice systems	100
A0006	Coordinate data links with other link players or appropriate link authorization agencies	100
A0003	Assemble professional or personal flight gear	100
A0018	Review Air Force Technical Order (AFTO) Forms 781 (Aircraft Discrepancy, Inspection, and Maintenance Records)	100
B0044	Troubleshoot HF voice systems	100
C0315	Operate or monitor crew member terminals (CMTs)	95
C0320	Perform crew coordination activities	95
B0124	Operate joint tactical information distribution systems (JTIDSs)	95
A0024	Obtain and secure COMSEC material	95
B0121	Operate surveillance control data links (SCDLs)	95
B0125	Troubleshoot JTIDSs	95
B0122	Troubleshoot SCDLs	95
B0079	Operate VHF AM systems	95
B0043	Operate high-frequency (HF) voice systems	95
B0103	Operate UHF SATCOM data systems	95
A0001	Annotate mission planning forms	95
B0050	Troubleshoot UHF SATCOM voice systems	95
B0092	Troubleshoot Have Quick systems	95
B0080	Troubleshoot VHF AM systems	95
C0325	Perform in-flight checklist procedures	91
A0028	Perform preflight inspections, other than life support inspections	91
B0223	Operate tactical information broadcast systems (TIBSs)	91
A0022	Obtain classified materials or documents	91
A0016	Establish communications security (COMSEC) requirements	91
B0091	Operate Have Quick systems	91
A0021	Maintain current status of flight manuals, safety and operational supplements, or flight crew checklists	91
B0082	Operate VHF frequency modulation (FM) systems	91
A0039	Secure personal equipment on aircraft during preflight	91
B0104	Troubleshoot UHF SATCOM data systems	91
B0083	Troubleshoot VHF FM systems	91
A0004	Conduct premission briefings, including certifications	86
A0036	Review emergency procedures	86
A0025	Participate in general or specialized mission briefings	86
C0337	Practice or perform emergency procedures	86
C0309	Maintain logs, such as in-flight or maintenance	86
B0190	Operate cryptographic loading devices	86
A0008	Coordinate mission requirements, other than software requirements, with appropriate agencies	86
B0224	Troubleshoot TIBSs	86
A0009	Coordinate mission software requirements with appropriate agencies	86
C0313	Operate emergency equipment	86
A0011	Determine aircraft status	86

* Average Number of Tasks Performed – 146

TABLE 45

REPRESENTATIVE TASKS PERFORMED BY EC-130 PERSONNEL

TASKS		PERCENT MEMBERS PERFORMING (N=46)
A0030	Perform premission requirements, such as reviewing FCIFs, MORFs, MCIFs, general information files, or annotating flight orders	96
C0325	Perform in-flight checklist procedures	91
A0036	Review emergency procedures	91
A0028	Perform preflight inspections, other than life support inspections	89
C0337	Practice or perform emergency procedures	89
A0018	Review Air Force Technical Order (AFTO) Forms 781 (Aircraft Discrepancy, Inspection, and Maintenance Records)	87
C0313	Operate emergency equipment	85
A0039	Secure personal equipment on aircraft during preflight	83
A0022	Obtain classified materials or documents	80
A0038	Secure mission equipment on aircraft during preflight	80
C0321	Perform emergency destruct procedures	80
A0031	Perform initialization of mission systems	78
E0430	Maintain aircrew currency requirements	78
C0314	Operate life support systems	78
C0331	Perform postflight inspections	78
A0011	Determine aircraft status	78
A0037	Review or update isolated personnel report (ISOPREP) cards	78
D0351	Fire weapons, such as 9mm handguns or M-16 rifles	78
C0320	Perform crew coordination activities	76
A0003	Assemble professional or personal flight gear	76
B0044	Troubleshoot HF voice systems	76
A0023	Obtain specialized mission equipment, such as audio tapes, communications kits, hard drives, optical disks, test equipment, video tapes, time modules, or tool kits	76
D0377	Prepare personal clothing or equipment for deployment	76
A0029	Perform preflight life support inspections	74
B0244	Operate built-in test equipment (BITE)	74
A0025	Participate in general or specialized mission briefings	74
B0197	Troubleshoot AC or DC electrical systems	74
B0193	Operate lighting systems	72
A0014	Determine and perform alternate procedures or work-arounds for malfunctioning equipment	72
B0050	Troubleshoot UHF SATCOM voice systems	72
C0328	Perform operational checkouts of aircraft mission systems after maintenance	72
B0080	Troubleshoot VHF AM systems	70
C0309	Maintain logs, such as in-flight or maintenance	70
B0196	Operate alternating current (AC) or direct current (DC) electrical systems	70
A0026	Participate in premission briefings, other than conducting	70
A0019	Instruct additional personnel, non-primary crew members, or passengers on in-flight or ground emergency procedures and equipment	70
B0043	Operate high-frequency (HF) voice systems	67
B0142	Operate computer systems	67
A0021	Maintain current status of flight manuals, safety and operational supplements, or flight crew checklists	67
C0330	Perform operational tests of program software after modifications	67

* Average Number of Tasks Performed – 156

TABLE 46

REPRESENTATIVE TASKS PERFORMED BY EC-135 PERSONNEL

TASKS		PERCENT MEMBERS PERFORMING (N=4)
B0049	Operate ultra high-frequency (UHF) satellite communications (SATCOM) voice systems	100
A0018	Review Air Force Technical Order (AFTO) Forms 781 (Aircraft Discrepancy, Inspection, and Maintenance Records)	100
B0050	Troubleshoot UHF SATCOM voice systems	100
C0325	Perform in-flight checklist procedures	100
A0014	Determine and perform alternate procedures or work-arounds for malfunctioning equipment	100
A0022	Obtain classified materials or documents	100
B0043	Operate high-frequency (HF) voice systems	100
A0024	Obtain and secure COMSEC material	100
B0044	Troubleshoot HF voice systems	100
A0006	Coordinate data links with other link players or appropriate link authorization agencies	100
A0026	Participate in premission briefings, other than conducting	100
A0030	Perform premission requirements, such as reviewing FCIFs, MORFs, MCIFs, general information files, or annotating flight orders	100
A0039	Secure personal equipment on aircraft during preflight	100
A0037	Review or update isolated personnel report (ISOPREP) cards	100
A0025	Participate in general or specialized mission briefings	100
A0036	Review emergency procedures	100
G0482	Annotate cabinet, safe, or room security forms	100
C0301	Coordinate phone patches or intercommunications with appropriate personnel	75
B0056	Troubleshoot INMARSAT systems	75
B0055	Operate international maritime satellite (INMARSAT) systems	75
C0297	Coordinate communications traffic flow with distinguished visitors or contacts	75
B0190	Operate cryptographic loading devices	75
A0028	Perform preflight inspections, other than life support inspections	75
A0020	Maintain COMSEC subaccounts	75
B0142	Operate computer systems	75
A0038	Secure mission equipment on aircraft during preflight	75
B0285	Configure communications or electronic systems for operations	75
B0154	Operate data encryption devices	75
A0008	Coordinate mission requirements, other than software requirements, with appropriate agencies	75
G0508	Prepare crew travel vouchers	75
A0016	Establish communications security (COMSEC) requirements	75
A0013	Determine mission communications requirements	75
B0143	Troubleshoot computer systems	75
B0082	Operate VHF frequency modulation (FM) systems	75
B0155	Troubleshoot data encryption devices	75
B0083	Troubleshoot VHF FM systems	75
B0041	Troubleshoot high-power transmitters	75
B0040	Operate high-power transmitters	75
G0487	Destroy COMSEC or classified materials or documents	75
B0172	Operate secure telephone units (STUs)	75

* Average Number of Tasks Performed – 100

TABLE 47

REPRESENTATIVE TASKS PERFORMED BY HC-130 PERSONNEL

TASKS		PERCENT MEMBERS PERFORMING (N=20)
A0025	Participate in general or specialized mission briefings	100
A0036	Review emergency procedures	95
B0049	Operate ultra high-frequency (UHF) satellite communications (SATCOM) voice systems	95
C0309	Maintain logs, such as in-flight or maintenance	95
A0022	Obtain classified materials or documents	95
A0024	Obtain and secure COMSEC material	95
B0043	Operate high-frequency (HF) voice systems	95
B0091	Operate Have Quick systems	95
A0026	Participate in premission briefings, other than conducting	90
C0325	Perform in-flight checklist procedures	90
A0028	Perform preflight inspections, other than life support inspections	90
C0331	Perform postflight inspections	90
B0214	Operate identification friend or foe (IFF) systems	90
A0018	Review Air Force Technical Order (AFTO) Forms 781 (Aircraft Discrepancy, Inspection, and Maintenance Records)	90
A0013	Determine mission communications requirements	90
A0016	Establish communications security (COMSEC) requirements	90
A0039	Secure personal equipment on aircraft during preflight	90
C0319	Perform authentication procedures	90
B0202	Operate tactical air navigation (TACAN) systems	90
A0037	Review or update isolated personnel report (ISOPREP) cards	90
C0337	Practice or perform emergency procedures	90
G0487	Destroy COMSEC or classified materials or documents	85
G0483	Build or prepare COMSEC materials	85
D0377	Prepare personal clothing or equipment for deployment	85
A0021	Maintain current status of flight manuals, safety and operational supplements, or flight crew checklists	85
A0030	Perform premission requirements, such as reviewing FCIFs, MORFs, MCIFs, general information files, or annotating flight orders	85
B0151	Operate direction finding (DF) equipment	85
C0304	Decode or encode messages manually	85
C0321	Perform emergency destruct procedures	85
A0002	Assemble communications kits	85
B0092	Troubleshoot Have Quick systems	85
B0050	Troubleshoot UHF SATCOM voice systems	85
B0044	Troubleshoot HF voice systems	85
B0079	Operate VHF AM systems	80
E0430	Maintain aircrew currency requirements	80
A0003	Assemble professional or personal flight gear	80
B0190	Operate cryptographic loading devices	80
A0014	Determine and perform alternate procedures or work-arounds for malfunctioning equipment	80
D0363	Perform classified courier duties	80
B0215	Troubleshoot IFF systems	80
D0354	Operate portable radios	80

* Average Number of Tasks Performed – 140

TABLE 48

REPRESENTATIVE TASKS PERFORMED BY MC-130 PERSONNEL

TASKS		PERCENT MEMBERS PERFORMING (N=22)
C0309	Maintain logs, such as in-flight or maintenance	100
A0028	Perform preflight inspections, other than life support inspections	100
C0331	Perform postflight inspections	100
A0003	Assemble professional or personal flight gear	100
B0214	Operate identification friend or foe (IFF) systems	100
A0024	Obtain and secure COMSEC material	100
A0036	Review emergency procedures	100
A0022	Obtain classified materials or documents	100
A0002	Assemble communications kits	100
A0018	Review Air Force Technical Order (AFTO) Forms 781 (Aircraft Discrepancy, Inspection, and Maintenance Records)	100
C0319	Perform authentication procedures	100
C0320	Perform crew coordination activities	95
G0487	Destroy COMSEC or classified materials or documents	95
A0030	Perform premission requirements, such as reviewing FCIFs, MORFs, MCIFs, general information files, or annotating flight orders	95
A0026	Participate in premission briefings, other than conducting	95
A0013	Determine mission communications requirements	95
B0091	Operate Have Quick systems	95
C0337	Practice or perform emergency procedures	95
A0016	Establish communications security (COMSEC) requirements	95
A0035	Review aircrew currency requirements	95
C0313	Operate emergency equipment	95
B0067	Operate demand assigned multiple access (DAMA) systems	95
A0037	Review or update isolated personnel report (ISOPREP) cards	95
C0325	Perform in-flight checklist procedures	91
E0430	Maintain aircrew currency requirements	91
A0029	Perform preflight life support inspections	91
B0043	Operate high-frequency (HF) voice systems	91
A0039	Secure personal equipment on aircraft during preflight	91
B0202	Operate tactical air navigation (TACAN) systems	91
C0314	Operate life support systems	91
B0151	Operate direction finding (DF) equipment	91
A0025	Participate in general or specialized mission briefings	91
B0215	Troubleshoot IFF systems	91
B0044	Troubleshoot HF voice systems	91
B0049	Operate ultra high-frequency (UHF) satellite communications (SATCOM) voice systems	86
A0038	Secure mission equipment on aircraft during preflight	86
B0220	Operate cryptographic systems	86
G0482	Annotate cabinet, safe, or room security forms	86
A0021	Maintain current status of flight manuals, safety and operational supplements, or flight crew checklists	86
C0333	Perform thruflight inspections	86
D0351	Fire weapons, such as 9mm handguns or M-16 rifles	86
B0092	Troubleshoot Have Quick systems	86

* Average Number of Tasks Performed – 158

TABLE 49

REPRESENTATIVE TASKS PERFORMED BY OC-135 PERSONNEL

TASKS		PERCENT MEMBERS PERFORMING (N=6)
C0325	Perform in-flight checklist procedures	100
E0430	Maintain aircrew currency requirements	100
C0320	Perform crew coordination activities	100
C0328	Perform operational checkouts of aircraft mission systems after maintenance	100
C0331	Perform postflight inspections	100
C0310	Monitor passengers	100
C0329	Perform operational checkouts of aircraft mission systems after modifications	100
A0026	Participate in premission briefings, other than conducting	100
A0028	Perform preflight inspections, other than life support inspections	100
C0317	Participate in postmission debriefings	100
B0239	Troubleshoot sensor systems	100
B0240	Repair sensor systems	100
B0230	Troubleshoot video systems	100
B0251	Troubleshoot radar systems	100
B0242	Troubleshoot data display systems	100
B0231	Repair video systems	100
B0238	Operate sensor systems	83
C0337	Practice or perform emergency procedures	83
E0397	Determine or establish work assignments or priorities	83
A0031	Perform initialization of mission systems	83
H0528	Pick up, deliver, or store equipment, tools, parts, or supplies, other than life support equipment	83
E0398	Determine or evaluate causes of mission operational discrepancies	83
C0332	Perform supplemental inspections, such as acceptance, calendar, or time replacement item	83
A0030	Perform premission requirements, such as reviewing FCIFs, MORFs, MCIFs, general information files, or annotating flight orders	83
B0229	Operate video systems	83
A0011	Determine aircraft status	83
F0463	Conduct on-the-job training (OJT)	83
A0019	Instruct additional personnel, non-primary crew members, or passengers on in-flight or ground emergency procedures and equipment	83
A0018	Review Air Force Technical Order (AFTO) Forms 781 (Aircraft Discrepancy, Inspection, and Maintenance Records)	83
A0025	Participate in general or specialized mission briefings	83
A0036	Review emergency procedures	83
B0241	Operate data display systems	83
A0039	Secure personal equipment on aircraft during preflight	83
A0038	Secure mission equipment on aircraft during preflight	83
F0460	Conduct ground training	83
C0333	Perform thruflight inspections	83
A0003	Assemble professional or personal flight gear	83
B0250	Operate radar systems	83
E0382	Adjust daily schedules to meet operational commitments	67
C0302	Coordinate sensor settings with appropriate personnel	67

* Average Number of Tasks Performed – 100

TABLE 50
REPRESENTATIVE TASKS PERFORMED BY RC-135 PERSONNEL

TASKS		PERCENT MEMBERS PERFORMING (N=93)
B0146	Troubleshoot recording systems	88
B0137	Troubleshoot collection receiver systems	87
A0039	Secure personal equipment on aircraft during preflight	86
B0147	Repair recording systems	86
A0038	Secure mission equipment on aircraft during preflight	85
A0026	Participate in premission briefings, other than conducting	85
B0143	Troubleshoot computer systems	85
C0325	Perform in-flight checklist procedures	84
A0031	Perform initialization of mission systems	84
A0030	Perform premission requirements, such as reviewing FCIFs, MORFs, MCIFs, general information files, or annotating flight orders	84
B0128	Troubleshoot digital data distribution systems, such as LANs or buses	83
B0144	Repair computer systems	83
A0018	Review Air Force Technical Order (AFTO) Forms 781 (Aircraft Discrepancy, Inspection, and Maintenance Records)	82
B0138	Repair collection receiver systems	82
B0288	Remove or replace circuit card assemblies	82
B0142	Operate computer systems	81
A0036	Review emergency procedures	81
C0337	Practice or perform emergency procedures	80
A0011	Determine aircraft status	80
B0131	Troubleshoot data switches or hubs	80
B0129	Repair digital data distribution systems, such as LANs or buses	80
B0217	Operate test equipment	80
B0170	Troubleshoot RF distribution systems	80
B0197	Troubleshoot AC or DC electrical systems	78
B0171	Repair RF distribution systems	78
C0328	Perform operational checkouts of aircraft mission systems after maintenance	77
A0028	Perform preflight inspections, other than life support inspections	77
B0233	Troubleshoot IF switching systems	76
B0149	Troubleshoot signal analysis equipment	75
A0025	Participate in general or specialized mission briefings	75
B0218	Troubleshoot test equipment	75
B0167	Troubleshoot patch panels	74
B0127	Operate digital data distribution systems, such as local area networks (LANs) or buses	74
B0132	Repair data switches or hubs	74
B0230	Troubleshoot video systems	74
A0037	Review or update isolated personnel report (ISOPREP) cards	74
B0231	Repair video systems	72
C0329	Perform operational checkouts of aircraft mission systems after modifications	71
A0014	Determine and perform alternate procedures or work-arounds for malfunctioning equipment	71
C0309	Maintain logs, such as in-flight or maintenance	71
B0283	Troubleshoot software	71
B0234	Repair IF switching systems	71

* Average Number of Tasks Performed – 159

TABLE 51

REPRESENTATIVE TASKS PERFORMED BY VC-25 PERSONNEL

TASKS		PERCENT MEMBERS PERFORMING (N=7)
E0382	Adjust daily schedules to meet operational commitments	100
B0055	Operate international maritime satellite (INMARSAT) systems	100
B0064	Operate terrestrial aeronautical radio/telephone systems (TARSs)	100
B0049	Operate ultra high-frequency (UHF) satellite communications (SATCOM) voice systems	100
B0052	Operate UHF frequency division multiplexer (FDM) systems	100
C0327	Perform in-flight instructor duties	100
C0320	Perform crew coordination activities	100
A0031	Perform initialization of mission systems	100
C0331	Perform postflight inspections	100
B0106	Operate facsimile (fax) systems	100
B0040	Operate high-power transmitters	100
G0487	Destroy COMSEC or classified materials or documents	100
A0030	Perform premission requirements, such as reviewing FCIFs, MORFs, MCIFs, general information files, or annotating flight orders	100
A0028	Perform preflight inspections, other than life support inspections	100
F0460	Conduct ground training	100
B0056	Troubleshoot INMARSAT systems	100
B0065	Troubleshoot TARSs	100
B0043	Operate high-frequency (HF) voice systems	100
B0085	Operate VHF digital encryption standards (DESs)	100
A0018	Review Air Force Technical Order (AFTO) Forms 781 (Aircraft Discrepancy, Inspection, and Maintenance Records)	100
B0053	Troubleshoot UHF FDM systems	100
B0050	Troubleshoot UHF SATCOM voice systems	100
B0046	Operate automatic link establishment (ALE) systems	100
G0482	Annotate cabinet, safe, or room security forms	100
A0021	Maintain current status of flight manuals, safety and operational supplements, or flight crew checklists	100
A0008	Coordinate mission requirements, other than software requirements, with appropriate agencies	100
B0107	Troubleshoot fax systems	100
C0328	Perform operational checkouts of aircraft mission systems after maintenance	100
B0044	Troubleshoot HF voice systems	100
B0086	Troubleshoot VHF DESs	100
C0329	Perform operational checkouts of aircraft mission systems after modifications	100
B0041	Troubleshoot high-power transmitters	100
B0047	Troubleshoot ALE systems	100
C0323	Perform functional check flight (FCF) duties	100
C0321	Perform emergency destruct procedures	100
B0103	Operate UHF SATCOM data systems	86
B0172	Operate secure telephone units (STUs)	86
C0298	Coordinate corrections of aircraft discrepancies or malfunctions with crew members	86
B0142	Operate computer systems	86
A0013	Determine mission communications requirements	86

* Average Number of Tasks Performed – 190

TABLE 52

TIME SPENT ON DUTIES BASED ON PRIMARY MISSION
(PERCENT RESPONDING)

DUTIES	ABCCC	AWACS,	COBRA	COMBAT	COMBAT	CINC
	(N=22)	NOT NATO (N=100)	BALL (N=16)	SENT (N=14)	SHADOW (N=20)	SUPPORT (N=5)
A PERFORMING MISSION PLANNING, PREMISSION, OR PREFLIGHT ACTIVITIES	20	21	15	13	18	23
B PERFORMING OPERATIONS OR MAINTENANCE OF COMMUNICATIONS OR ELECTRONICS SYSTEMS	37	46	42	52	25	29
C PERFORMING GENERAL AIRBORNE COMMUNICATIONS OR MISSION SYSTEMS ACTIVITIES	17	10	14	12	16	12
D PERFORMING MOBILITY AND CONTINGENCY ACTIVITIES	5	6	5	3	8	3
E PERFORMING MANAGEMENT AND SUPERVISORY ACTIVITIES	7	8	10	10	14	12
F PERFORMING TRAINING ACTIVITIES	6	4	8	5	6	5
G PERFORMING GENERAL ADMINISTRATIVE AND TECHNICAL ORDER (TO) SYSTEM ACTIVITIES	7	4	4	3	11	13
H PERFORMING GENERAL SUPPLY AND EQUIPMENT ACTIVITIES	1	1	2	2	2	3

TABLE 52 (CONTINUED)

TIME SPENT ON DUTIES BASED ON PRIMARY MISSION
(PERCENT RESPONDING)

DUTIES	COMPASS	JSTARS	NAOC	NATO	OPEN	OPERATIONAL
	CALL (N=10)	(N=21)	(N=64)	AWACS (N=19)	SKIES (N=5)	SUPPORT AIRLIFT (N=4)
A PERFORMING MISSION PLANNING, PREMISSION, OR PREFLIGHT ACTIVITIES	14	21	18	18	19	16
B PERFORMING OPERATIONS OR MAINTENANCE OF COMMUNICATIONS OR ELECTRONICS SYSTEMS	39	40	43	42	25	38
C PERFORMING GENERAL AIRBORNE COMMUNICATIONS OR MISSION SYSTEMS ACTIVITIES	15	14	12	13	21	12
D PERFORMING MOBILITY AND CONTINGENCY ACTIVITIES	5	4	8	6	3	4
E PERFORMING MANAGEMENT AND SUPERVISORY ACTIVITIES	11	9	8	11	18	14
F PERFORMING TRAINING ACTIVITIES	7	4	4	4	7	5
G PERFORMING GENERAL ADMINISTRATIVE AND TECHNICAL ORDER (TO) SYSTEM ACTIVITIES	7	7	6	5	2	8
H PERFORMING GENERAL SUPPLY AND EQUIPMENT ACTIVITIES	2	1	1	1	5	3

TABLE 52 (CONTINUED)

TIME SPENT ON DUTIES BASED ON PRIMARY MISSION
(PERCENT RESPONDING)

DUTIES	RESCUE	RIVET	SENIOR	SPECIAL	STAFF	TECHNICAL
	(N=19)	JOINT (N=62)	SCOUT (N=16)	AIR MISSIONS (N=48)	(N=4)	TRAINING (N=7)
A PERFORMING MISSION PLANNING, PREMISSION, OR PREFLIGHT ACTIVITIES	25	14	12	20	11	8
B PERFORMING OPERATIONS OR MAINTENANCE OF COMMUNICATIONS OR ELECTRONICS SYSTEMS	28	53	46	38	11	22
C PERFORMING GENERAL AIRBORNE COMMUNICATIONS OR MISSION SYSTEMS ACTIVITIES	15	12	11	13	5	11
D PERFORMING MOBILITY AND CONTINGENCY ACTIVITIES	10	4	5	3	*	1
E PERFORMING MANAGEMENT AND SUPERVISORY ACTIVITIES	8	6	11	12	37	24
F PERFORMING TRAINING ACTIVITIES	4	5	6	6	23	28
G PERFORMING GENERAL ADMINISTRATIVE AND TECHNICAL ORDER (TO) SYSTEM ACTIVITIES	9	3	5	7	11	4
H PERFORMING GENERAL SUPPLY AND EQUIPMENT ACTIVITIES	1	3	4	1	1	2

* Indicates less than 1%

TABLE 53

REPRESENTATIVE TASKS PERFORMED BY ABCCC PERSONNEL

TASKS		PERCENT MEMBERS PERFORMING (N=22)
A0030	Perform premission requirements, such as reviewing FCIFs, MORFs, MCIFs, general information files, or annotating flight orders	95
C0325	Perform in-flight checklist procedures	91
B0092	Troubleshoot Have Quick systems	91
A0028	Perform preflight inspections, other than life support inspections	86
B0091	Operate Have Quick systems	86
B0080	Troubleshoot VHF AM systems	86
B0044	Troubleshoot HF voice systems	86
A0036	Review emergency procedures	82
B0079	Operate VHF AM systems	82
E0430	Maintain aircrew currency requirements	82
A0029	Perform preflight life support inspections	82
C0320	Perform crew coordination activities	82
B0049	Operate ultra high-frequency (UHF) satellite communications (SATCOM) voice systems	82
C0313	Operate emergency equipment	82
C0314	Operate life support systems	82
A0003	Assemble professional or personal flight gear	82
B0050	Troubleshoot UHF SATCOM voice systems	82
A0022	Obtain classified materials or documents	77
B0043	Operate high-frequency (HF) voice systems	77
B0190	Operate cryptographic loading devices	77
C0337	Practice or perform emergency procedures	77
B0083	Troubleshoot VHF FM systems	77
B0089	Troubleshoot VHF SINCGARSs	77
D0377	Prepare personal clothing or equipment for deployment	77
A0016	Establish communications security (COMSEC) requirements	73
B0071	Troubleshoot UHF AM voice systems	73
B0082	Operate VHF frequency modulation (FM) systems	73
A0018	Review Air Force Technical Order (AFTO) Forms 781 (Aircraft Discrepancy, Inspection, and Maintenance Records)	73
B0088	Operate VHF single-channel ground-to-air radio systems (SINCGARSs)	73
C0331	Perform postflight inspections	73
C0321	Perform emergency destruct procedures	73
B0166	Operate patch panels	73
A0024	Obtain and secure COMSEC material	68
G0487	Destroy COMSEC or classified materials or documents	68
A0002	Assemble communications kits	68
B0070	Operate UHF amplitude modulation (AM) voice systems	68
B0124	Operate joint tactical information distribution systems (JTIDSs)	68
A0039	Secure personal equipment on aircraft during preflight	68
B0191	Troubleshoot cryptographic loading devices	68
A0011	Determine aircraft status	68
A0031	Perform initialization of mission systems	64
B0280	Operate oxygen systems	64
B0125	Troubleshoot JTIDSs	64

* Average Number of Tasks Performed – 123

TABLE 54

REPRESENTATIVE TASKS PERFORMED BY AWACS, OTHER THAN NATO, PERSONNEL

TASKS		PERCENT MEMBERS PERFORMING (N=100)
B0049	Operate ultra high-frequency (UHF) satellite communications (SATCOM) voice systems	96
B0043	Operate high-frequency (HF) voice systems	96
A0030	Perform premission requirements, such as reviewing FCIFs, MORFs, MCIFs, general information files, or annotating flight orders	95
B0163	Operate wideband secure voice (WBSV) cryptographic systems	94
B0079	Operate VHF AM systems	94
B0082	Operate VHF frequency modulation (FM) systems	94
A0028	Perform preflight inspections, other than life support inspections	92
B0050	Troubleshoot UHF SATCOM voice systems	91
B0190	Operate cryptographic loading devices	90
A0018	Review Air Force Technical Order (AFTO) Forms 781 (Aircraft Discrepancy, Inspection, and Maintenance Records)	90
B0044	Troubleshoot HF voice systems	90
B0164	Troubleshoot WBSV cryptographic systems	90
B0040	Operate high-power transmitters	89
A0025	Participate in general or specialized mission briefings	89
B0160	Operate narrowband secure voice (NBSV) cryptographic systems	89
B0046	Operate automatic link establishment (ALE) systems	89
B0083	Troubleshoot VHF FM systems	89
B0080	Troubleshoot VHF AM systems	89
B0161	Troubleshoot NBSV cryptographic systems	89
B0118	Operate tactical digital information links (TADILs)	88
B0091	Operate Have Quick systems	88
A0006	Coordinate data links with other link players or appropriate link authorization agencies	88
A0014	Determine and perform alternate procedures or work-arounds for malfunctioning equipment	88
A0001	Annotate mission planning forms	88
B0184	Operate aircraft audio distribution systems (ADSs), such as public address (PA) systems or interphones	88
B0100	Operate HF data systems	86
B0119	Troubleshoot TADILs	86
A0039	Secure personal equipment on aircraft during preflight	84
C0325	Perform in-flight checklist procedures	83
A0036	Review emergency procedures	83
B0101	Troubleshoot HF data systems	82
B0185	Troubleshoot aircraft ADSs, such as PA systems or interphones	82
A0021	Maintain current status of flight manuals, safety and operational supplements, or flight crew checklists	81
A0026	Participate in premission briefings, other than conducting	80
A0037	Review or update isolated personnel report (ISOPREP) cards	80
A0003	Assemble professional or personal flight gear	78
B0041	Troubleshoot high-power transmitters	78
A0013	Determine mission communications requirements	77
A0031	Perform initialization of mission systems	77

* Average Number of Tasks Performed – 118

TABLE 55

REPRESENTATIVE TASKS PERFORMED BY COBRA BALL PERSONNEL

TASKS		PERCENT MEMBERS PERFORMING (N=16)
A0031	Perform initialization of mission systems	100
B0146	Troubleshoot recording systems	100
A0038	Secure mission equipment on aircraft during preflight	100
A0030	Perform premission requirements, such as reviewing FCIFs, MORFs, MCIFs, general information files, or annotating flight orders	100
B0147	Repair recording systems	100
A0039	Secure personal equipment on aircraft during preflight	94
B0137	Troubleshoot collection receiver systems	94
C0328	Perform operational checkouts of aircraft mission systems after maintenance	94
C0325	Perform in-flight checklist procedures	88
A0026	Participate in premission briefings, other than conducting	88
B0143	Troubleshoot computer systems	88
B0144	Repair computer systems	88
B0138	Repair collection receiver systems	88
B0149	Troubleshoot signal analysis equipment	88
C0337	Practice or perform emergency procedures	88
A0037	Review or update isolated personnel report (ISOPREP) cards	88
B0170	Troubleshoot RF distribution systems	81
C0327	Perform in-flight instructor duties	81
B0142	Operate computer systems	81
B0171	Repair RF distribution systems	81
A0025	Participate in general or specialized mission briefings	81
E0430	Maintain aircrew currency requirements	81
A0018	Review Air Force Technical Order (AFTO) Forms 781 (Aircraft Discrepancy, Inspection, and Maintenance Records)	81
A0019	Instruct additional personnel, non-primary crew members, or passengers on in-flight or ground emergency procedures and equipment	81
A0036	Review emergency procedures	81
C0314	Operate life support systems	81
C0329	Perform operational checkouts of aircraft mission systems after modifications	81
C0339	Remove or install aircraft light lenses, light bulbs, or batteries	81
D0377	Prepare personal clothing or equipment for deployment	81
B0197	Troubleshoot AC or DC electrical systems	81
C0313	Operate emergency equipment	81
C0321	Perform emergency destruct procedures	81
A0028	Perform preflight inspections, other than life support inspections	75
B0283	Troubleshoot software	75
B0233	Troubleshoot IF switching systems	75
A0023	Obtain specialized mission equipment, such as audio tapes, communications kits, hard drives, optical disks, test equipment, video tapes, time modules, or	75
B0148	Operate signal analysis equipment	75
C0330	Perform operational tests of program software after modifications	75
B0288	Remove or replace circuit card assemblies	75
B0193	Operate lighting systems	75
F0464	Counsel trainees on training progress	75
B0150	Repair signal analysis equipment	75

* Average Number of Tasks Performed – 152

TABLE 56

REPRESENTATIVE TASKS PERFORMED BY COMBAT SENT PERSONNEL

TASKS		PERCENT MEMBERS PERFORMING (N=14)
C0329	Perform operational checkouts of aircraft mission systems after modifications	93
C0330	Perform operational tests of program software after modifications	93
A0031	Perform initialization of mission systems	93
B0143	Troubleshoot computer systems	93
A0030	Perform premission requirements, such as reviewing FCIFs, MORFs, MCIFs, general information files, or annotating flight orders	93
B0144	Repair computer systems	93
B0137	Troubleshoot collection receiver systems	93
B0138	Repair collection receiver systems	93
B0146	Troubleshoot recording systems	93
B0170	Troubleshoot RF distribution systems	93
B0147	Repair recording systems	93
A0039	Secure personal equipment on aircraft during preflight	93
C0325	Perform in-flight checklist procedures	93
B0171	Repair RF distribution systems	93
A0018	Review Air Force Technical Order (AFTO) Forms 781 (Aircraft Discrepancy, Inspection, and Maintenance Records)	93
A0036	Review emergency procedures	93
B0288	Remove or replace circuit card assemblies	93
A0011	Determine aircraft status	93
B0167	Troubleshoot patch panels	93
B0168	Repair patch panels	93
B0127	Operate digital data distribution systems, such as local area networks (LANs) or buses	86
B0142	Operate computer systems	86
B0217	Operate test equipment	86
A0026	Participate in premission briefings, other than conducting	86
B0128	Troubleshoot digital data distribution systems, such as LANs or buses	86
A0028	Perform preflight inspections, other than life support inspections	86
B0149	Troubleshoot signal analysis equipment	86
A0022	Obtain classified materials or documents	86
B0129	Repair digital data distribution systems, such as LANs or buses	86
B0150	Repair signal analysis equipment	86
A0017	Identify mission software requirements	86
B0140	Troubleshoot fiber optics systems	86
C0320	Perform crew coordination activities	86
C0328	Perform operational checkouts of aircraft mission systems after maintenance	86
B0141	Repair fiber optics systems	86
B0197	Troubleshoot AC or DC electrical systems	86
B0152	Troubleshoot DF equipment	79
C0293	Analyze equipment for optimum mission configurations	79
B0153	Repair DF equipment	79
B0166	Operate patch panels	79
B0218	Troubleshoot test equipment	79
B0131	Troubleshoot data switches or hubs	79
B0132	Repair data switches or hubs	79

* Average Number of Tasks Performed – 153

TABLE 57

REPRESENTATIVE TASKS PERFORMED BY COMBAT SHADOW PERSONNEL

TASKS		PERCENT MEMBERS PERFORMING (N=20)
A0028	Perform preflight inspections, other than life support inspections	100
G0487	Destroy COMSEC or classified materials or documents	100
C0309	Maintain logs, such as in-flight or maintenance	100
A0024	Obtain and secure COMSEC material	100
A0022	Obtain classified materials or documents	100
A0036	Review emergency procedures	100
A0003	Assemble professional or personal flight gear	100
C0331	Perform postflight inspections	100
B0214	Operate identification friend or foe (IFF) systems	100
C0337	Practice or perform emergency procedures	100
A0002	Assemble communications kits	100
A0018	Review Air Force Technical Order (AFTO) Forms 781 (Aircraft Discrepancy, Inspection, and Maintenance Records)	100
C0319	Perform authentication procedures	100
C0313	Operate emergency equipment	100
B0067	Operate demand assigned multiple access (DAMA) systems	100
A0013	Determine mission communications requirements	95
A0030	Perform premission requirements, such as reviewing FCIFs, MORFs, MCIFs, general information files, or annotating flight orders	95
A0026	Participate in premission briefings, other than conducting	95
C0325	Perform in-flight checklist procedures	95
E0430	Maintain aircrew currency requirements	95
C0320	Perform crew coordination activities	95
A0016	Establish communications security (COMSEC) requirements	95
B0091	Operate Have Quick systems	95
B0202	Operate tactical air navigation (TACAN) systems	95
C0314	Operate life support systems	95
B0151	Operate direction finding (DF) equipment	95
A0008	Coordinate mission requirements, other than software requirements, with appropriate agencies	95
A0037	Review or update isolated personnel report (ISOPREP) cards	95
G0483	Build or prepare COMSEC materials	90
B0049	Operate ultra high-frequency (UHF) satellite communications (SATCOM) voice systems	90
A0029	Perform preflight life support inspections	90
C0317	Participate in postmission debriefings	90
G0482	Annotate cabinet, safe, or room security forms	90
B0043	Operate high-frequency (HF) voice systems	90
A0039	Secure personal equipment on aircraft during preflight	90
A0038	Secure mission equipment on aircraft during preflight	90
A0035	Review aircrew currency requirements	90
B0220	Operate cryptographic systems	90
A0025	Participate in general or specialized mission briefings	90
A0007	Coordinate flight routes with navigators, pilots, or electronic warfare officers (EWOs)	90
C0333	Perform thruflight inspections	90

* Average Number of Tasks Performed – 190

TABLE 58

REPRESENTATIVE TASKS PERFORMED BY CINC SUPPORT PERSONNEL

TASKS		PERCENT MEMBERS PERFORMING (N=5)
E0382	Adjust daily schedules to meet operational commitments	100
A0014	Determine and perform alternate procedures or work-arounds for malfunctioning equipment	100
B0056	Troubleshoot INMARSAT systems	100
A0013	Determine mission communications requirements	100
B0055	Operate international maritime satellite (INMARSAT) systems	100
B0190	Operate cryptographic loading devices	100
B0050	Troubleshoot UHF SATCOM voice systems	100
A0016	Establish communications security (COMSEC) requirements	100
G0487	Destroy COMSEC or classified materials or documents	100
G0482	Annotate cabinet, safe, or room security forms	100
E0430	Maintain aircrew currency requirements	100
A0003	Assemble professional or personal flight gear	100
A0024	Obtain and secure COMSEC material	100
G0483	Build or prepare COMSEC materials	100
A0022	Obtain classified materials or documents	100
A0020	Maintain COMSEC subaccounts	100
C0325	Perform in-flight checklist procedures	100
A0018	Review Air Force Technical Order (AFTO) Forms 781 (Aircraft Discrepancy, Inspection, and Maintenance Records)	100
A0039	Secure personal equipment on aircraft during preflight	100
A0030	Perform premission requirements, such as reviewing FCIFs, MORFs, MCIFs, general information files, or annotating flight orders	100
D0351	Fire weapons, such as 9mm handguns or M-16 rifles	100
A0026	Participate in premission briefings, other than conducting	100
B0172	Operate secure telephone units (STUs)	80
C0301	Coordinate phone patches or intercommunications with appropriate personnel	80
B0049	Operate ultra high-frequency (UHF) satellite communications (SATCOM) voice systems	80
B0103	Operate UHF SATCOM data systems	80
G0489	Establish or maintain accountability records for classified materials or documents	80
B0043	Operate high-frequency (HF) voice systems	80
E0438	Plan communications support for special missions	80
G0495	Issue COMSEC materials	80
B0173	Troubleshoot STUs	80
A0031	Perform initialization of mission systems	80
B0214	Operate identification friend or foe (IFF) systems	80
C0309	Maintain logs, such as in-flight or maintenance	80
B0104	Troubleshoot UHF SATCOM data systems	80
G0491	Identify and report suspected security compromises	80
A0004	Conduct premission briefings, including certifications	80
A0028	Perform preflight inspections, other than life support inspections	80
G0501	Maintain personal aircrew flight manuals or checklists	80
A0008	Coordinate mission requirements, other than software requirements, with appropriate agencies	80
C0319	Perform authentication procedures	80

* Average Number of Tasks Performed – 107

TABLE 59

REPRESENTATIVE TASKS PERFORMED BY COMPASS CALL PERSONNEL

TASKS		PERCENT MEMBERS PERFORMING (N=10)
B0142	Operate computer systems	100
A0031	Perform initialization of mission systems	100
B0244	Operate built-in test equipment (BITE)	100
A0036	Review emergency procedures	100
C0337	Practice or perform emergency procedures	100
A0028	Perform preflight inspections, other than life support inspections	100
B0152	Troubleshoot DF equipment	100
B0143	Troubleshoot computer systems	100
B0149	Troubleshoot signal analysis equipment	100
B0170	Troubleshoot RF distribution systems	100
B0158	Troubleshoot jamming systems	100
A0021	Maintain current status of flight manuals, safety and operational supplements, or flight crew checklists	100
A0011	Determine aircraft status	100
A0018	Review Air Force Technical Order (AFTO) Forms 781 (Aircraft Discrepancy, Inspection, and Maintenance Records)	100
B0144	Repair computer systems	100
B0041	Troubleshoot high-power transmitters	100
B0153	Repair DF equipment	100
B0171	Repair RF distribution systems	100
A0030	Perform premission requirements, such as reviewing FCIFs, MORFs, MCIFs, general information files, or annotating flight orders	100
B0197	Troubleshoot AC or DC electrical systems	100
B0159	Repair jamming systems	100
A0039	Secure personal equipment on aircraft during preflight	100
A0038	Secure mission equipment on aircraft during preflight	100
C0335	Position and connect aerospace ground equipment (AGE)	100
A0023	Obtain specialized mission equipment, such as audio tapes, communications kits, hard drives, optical disks, test equipment, video tapes, time modules, or tool kits	100
G0482	Annotate cabinet, safe, or room security forms	100
C0325	Perform in-flight checklist procedures	90
B0151	Operate direction finding (DF) equipment	90
B0245	Troubleshoot BITE	90
B0040	Operate high-power transmitters	90
B0148	Operate signal analysis equipment	90
B0169	Operate radio frequency (RF) distribution systems	90
A0014	Determine and perform alternate procedures or work-arounds for malfunctioning equipment	90
C0328	Perform operational checkouts of aircraft mission systems after maintenance	90
B0193	Operate lighting systems	90
B0157	Operate jamming systems	90
B0246	Repair BITE	90
A0025	Participate in general or specialized mission briefings	90
A0019	Instruct additional personnel, non-primary crew members, or passengers on in-flight or ground emergency procedures and equipment	90
A0022	Obtain classified materials or documents	90

* Average Number of Tasks Performed – 161

TABLE 60

REPRESENTATIVE TASKS PERFORMED BY JSTARS PERSONNEL

TASKS		PERCENT MEMBERS PERFORMING (N=21)
B0049	Operate ultra high-frequency (UHF) satellite communications (SATCOM) voice systems	100
A0006	Coordinate data links with other link players or appropriate link authorization agencies	100
A0003	Assemble professional or personal flight gear	100
A0018	Review Air Force Technical Order (AFTO) Forms 781 (Aircraft Discrepancy, Inspection, and Maintenance Records)	100
B0044	Troubleshoot HF voice systems	100
C0315	Operate or monitor crew member terminals (CMTs)	95
C0320	Perform crew coordination activities	95
B0124	Operate joint tactical information distribution systems (JTIDSs)	95
A0024	Obtain and secure COMSEC material	95
B0121	Operate surveillance control data links (SCDLs)	95
B0125	Troubleshoot JTIDSs	95
B0122	Troubleshoot SCDLs	95
B0043	Operate high-frequency (HF) voice systems	95
B0079	Operate VHF AM systems	95
B0082	Operate VHF frequency modulation (FM) systems	95
B0103	Operate UHF SATCOM data systems	95
B0050	Troubleshoot UHF SATCOM voice systems	95
A0001	Annotate mission planning forms	95
B0092	Troubleshoot Have Quick systems	95
B0083	Troubleshoot VHF FM systems	95
B0080	Troubleshoot VHF AM systems	95
A0004	Conduct premission briefings, including certifications	90
C0325	Perform in-flight checklist procedures	90
A0028	Perform preflight inspections, other than life support inspections	90
A0016	Establish communications security (COMSEC) requirements	90
B0223	Operate tactical information broadcast systems (TIBSs)	90
A0022	Obtain classified materials or documents	90
B0091	Operate Have Quick systems	90
A0021	Maintain current status of flight manuals, safety and operational supplements, or flight crew checklists	90
A0039	Secure personal equipment on aircraft during preflight	90
B0104	Troubleshoot UHF SATCOM data systems	90
C0321	Perform emergency destruct procedures	90
A0036	Review emergency procedures	86
A0025	Participate in general or specialized mission briefings	86
C0337	Practice or perform emergency procedures	86
C0309	Maintain logs, such as in-flight or maintenance	86
B0190	Operate cryptographic loading devices	86
B0224	Troubleshoot TIBSs	86
B0163	Operate wideband secure voice (WBSV) cryptographic systems	86
A0008	Coordinate mission requirements, other than software requirements, with appropriate agencies	86
A0009	Coordinate mission software requirements with appropriate agencies	86

* Average Number of Tasks Performed – 146

TABLE 61

REPRESENTATIVE TASKS PERFORMED BY NAOC PERSONNEL

TASKS		PERCENT MEMBERS PERFORMING (N=64)
D0360	Perform alert crew changeovers	84
A0030	Perform premission requirements, such as reviewing FCIFs, MORFs, MCIFs, general information files, or annotating flight orders	83
A0036	Review emergency procedures	80
D0359	Perform alert aircraft changeovers	78
D0367	Perform standby alert procedures	77
C0325	Perform in-flight checklist procedures	77
D0368	Practice alert force or alert reaction exercises	75
A0039	Secure personal equipment on aircraft during preflight	75
B0190	Operate cryptographic loading devices	69
B0110	Troubleshoot MILSTAR terminals	69
C0320	Perform crew coordination activities	67
A0022	Obtain classified materials or documents	67
A0025	Participate in general or specialized mission briefings	67
A0038	Secure mission equipment on aircraft during preflight	67
C0313	Operate emergency equipment	67
A0024	Obtain and secure COMSEC material	66
C0309	Maintain logs, such as in-flight or maintenance	66
C0337	Practice or perform emergency procedures	64
A0003	Assemble professional or personal flight gear	62
B0109	Operate military strategic, tactical and relay (MILSTAR) terminals	62
B0052	Operate UHF frequency division multiplexer (FDM) systems	62
A0026	Participate in premission briefings, other than conducting	62
B0280	Operate oxygen systems	61
C0331	Perform postflight inspections	61
B0113	Troubleshoot MPSs	59
A0031	Perform initialization of mission systems	58
B0067	Operate demand assigned multiple access (DAMA) systems	56
A0023	Obtain specialized mission equipment, such as audio tapes, communications kits, hard drives, optical disks, test equipment, video tapes, time modules, or tool kits	56
B0068	Troubleshoot DAMA systems	56
E0430	Maintain aircrew currency requirements	55
B0220	Operate cryptographic systems	55
A0028	Perform preflight inspections, other than life support inspections	55
B0221	Troubleshoot cryptographic systems	55
B0155	Troubleshoot data encryption devices	55
B0154	Operate data encryption devices	53
B0044	Troubleshoot HF voice systems	53
B0050	Troubleshoot UHF SATCOM voice systems	53
A0014	Determine and perform alternate procedures or work-arounds for malfunctioning equipment	53
B0104	Troubleshoot UHF SATCOM data systems	53
B0191	Troubleshoot cryptographic loading devices	53
B0053	Troubleshoot UHF FDM systems	52
B0070	Operate UHF amplitude modulation (AM) voice systems	52
A0035	Review aircrew currency requirements	52

* Average Number of Tasks Performed – 103

TABLE 62

REPRESENTATIVE TASKS PERFORMED BY NATO AWACS PERSONNEL

TASKS		PERCENT MEMBERS PERFORMING (N=19)
A0030	Perform premission requirements, such as reviewing FCIFs, MORFs, MCIFs, general information files, or annotating flight orders	100
B0092	Troubleshoot Have Quick systems	100
A0006	Coordinate data links with other link players or appropriate link authorization agencies	95
B0091	Operate Have Quick systems	95
B0043	Operate high-frequency (HF) voice systems	95
B0163	Operate wideband secure voice (WBSV) cryptographic systems	95
B0190	Operate cryptographic loading devices	95
A0025	Participate in general or specialized mission briefings	95
D0377	Prepare personal clothing or equipment for deployment	95
A0036	Review emergency procedures	95
B0044	Troubleshoot HF voice systems	95
B0164	Troubleshoot WBSV cryptographic systems	95
A0028	Perform preflight inspections, other than life support inspections	89
C0320	Perform crew coordination activities	89
B0100	Operate HF data systems	89
B0119	Troubleshoot TADILs	89
A0021	Maintain current status of flight manuals, safety and operational supplements, or flight crew checklists	89
C0319	Perform authentication procedures	89
B0101	Troubleshoot HF data systems	89
A0001	Annotate mission planning forms	89
A0018	Review Air Force Technical Order (AFTO) Forms 781 (Aircraft Discrepancy, Inspection, and Maintenance Records)	89
C0337	Practice or perform emergency procedures	84
A0026	Participate in premission briefings, other than conducting	84
B0184	Operate aircraft audio distribution systems (ADSs), such as public address (PA) systems or interphones	84
B0040	Operate high-power transmitters	84
B0160	Operate narrowband secure voice (NBSV) cryptographic systems	84
A0003	Assemble professional or personal flight gear	84
A0014	Determine and perform alternate procedures or work-arounds for malfunctioning equipment	84
B0161	Troubleshoot NBSV cryptographic systems	84
B0118	Operate tactical digital information links (TADILs)	79
A0031	Perform initialization of mission systems	79
B0220	Operate cryptographic systems	79
B0079	Operate VHF AM systems	79
B0244	Operate built-in test equipment (BITE)	79
B0280	Operate oxygen systems	79
C0314	Operate life support systems	79
B0185	Troubleshoot aircraft ADSs, such as PA systems or interphones	79
C0325	Perform in-flight checklist procedures	74
B0070	Operate UHF amplitude modulation (AM) voice systems	74
B0285	Configure communications or electronic systems for operations	74

* Average Number of Tasks Performed – 109

TABLE 63

REPRESENTATIVE TASKS PERFORMED BY OPEN SKIES PERSONNEL

TASKS		PERCENT MEMBERS PERFORMING (N=5)
C0325	Perform in-flight checklist procedures	100
C0320	Perform crew coordination activities	100
E0430	Maintain aircrew currency requirements	100
C0328	Perform operational checkouts of aircraft mission systems after maintenance	100
A0026	Participate in premission briefings, other than conducting	100
C0329	Perform operational checkouts of aircraft mission systems after modifications	100
C0310	Monitor passengers	100
A0028	Perform preflight inspections, other than life support inspections	100
C0331	Perform postflight inspections	100
B0239	Troubleshoot sensor systems	100
C0317	Participate in postmission debriefings	100
B0230	Troubleshoot video systems	100
B0240	Repair sensor systems	100
B0251	Troubleshoot radar systems	100
B0242	Troubleshoot data display systems	100
B0231	Repair video systems	100
B0238	Operate sensor systems	80
C0337	Practice or perform emergency procedures	80
A0031	Perform initialization of mission systems	80
E0397	Determine or establish work assignments or priorities	80
A0011	Determine aircraft status	80
E0398	Determine or evaluate causes of mission operational discrepancies	80
A0030	Perform premission requirements, such as reviewing FCIFs, MORFs, MCIFs, general information files, or annotating flight orders	80
H0528	Pick up, deliver, or store equipment, tools, parts, or supplies, other than life support equipment	80
A0019	Instruct additional personnel, non-primary crew members, or passengers on in-flight or ground emergency procedures and equipment	80
B0229	Operate video systems	80
A0018	Review Air Force Technical Order (AFTO) Forms 781 (Aircraft Discrepancy, Inspection, and Maintenance Records)	80
F0463	Conduct on-the-job training (OJT)	80
A0025	Participate in general or specialized mission briefings	80
A0008	Coordinate mission requirements, other than software requirements, with appropriate agencies	80
C0332	Perform supplemental inspections, such as acceptance, calendar, or time replacement item	80
A0003	Assemble professional or personal flight gear	80
A0036	Review emergency procedures	80
B0241	Operate data display systems	80
A0039	Secure personal equipment on aircraft during preflight	80
A0038	Secure mission equipment on aircraft during preflight	80
F0460	Conduct ground training	80
C0333	Perform thruflight inspections	80
B0250	Operate radar systems	80
E0382	Adjust daily schedules to meet operational commitments	60

* Average Number of Tasks Performed – 91

TABLE 64

REPRESENTATIVE TASKS PERFORMED BY OPERATIONAL SUPPORT AIRLIFT PERSONNEL

TASKS		PERCENT MEMBERS PERFORMING (N=4)
B0050	Troubleshoot UHF SATCOM voice systems	100
A0035	Review aircrew currency requirements	100
A0036	Review emergency procedures	100
A0030	Perform premission requirements, such as reviewing FCIFs, MORFs, MCIFs, general information files, or annotating flight orders	100
C0320	Perform crew coordination activities	100
A0028	Perform preflight inspections, other than life support inspections	100
C0313	Operate emergency equipment	100
C0325	Perform in-flight checklist procedures	100
A0039	Secure personal equipment on aircraft during preflight	100
C0314	Operate life support systems	100
A0020	Maintain COMSEC subaccounts	75
E0447	Schedule personnel for temporary duty (TDY) assignments, leaves, or passes	75
G0483	Build or prepare COMSEC materials	75
E0382	Adjust daily schedules to meet operational commitments	75
G0495	Issue COMSEC materials	75
C0301	Coordinate phone patches or intercommunications with appropriate personnel	75
B0049	Operate ultra high-frequency (UHF) satellite communications (SATCOM) voice systems	75
B0043	Operate high-frequency (HF) voice systems	75
E0430	Maintain aircrew currency requirements	75
A0024	Obtain and secure COMSEC material	75
A0022	Obtain classified materials or documents	75
G0487	Destroy COMSEC or classified materials or documents	75
B0214	Operate identification friend or foe (IFF) systems	75
A0031	Perform initialization of mission systems	75
B0190	Operate cryptographic loading devices	75
E0390	Conduct self-inspections or self-assessments	75
B0104	Troubleshoot UHF SATCOM data systems	75
B0044	Troubleshoot HF voice systems	75
C0329	Perform operational checkouts of aircraft mission systems after modifications	75
C0328	Perform operational checkouts of aircraft mission systems after maintenance	75
B0217	Operate test equipment	75
B0218	Troubleshoot test equipment	75
B0172	Operate secure telephone units (STUs)	75
B0285	Configure communications or electronic systems for operations	75
H0521	Initiate equipment maintenance actions with appropriate agencies	75
H0523	Inventory equipment, tools, parts, or supplies, communications kits, or in-flight spare parts kits	75
B0071	Troubleshoot UHF AM voice systems	75
B0056	Troubleshoot INMARSAT systems	75
B0074	Troubleshoot commercial-band UHF/VHF transmitters	75
C0309	Maintain logs, such as in-flight or maintenance	75
G0501	Maintain personal aircrew flight manuals or checklists	75
B0163	Operate wideband secure voice (WBSV) cryptographic systems	75
B0070	Operate UHF amplitude modulation (AM) voice systems	75

* Average Number of Tasks Performed – 127

TABLE 65

REPRESENTATIVE TASKS PERFORMED BY RESCUE PERSONNEL

TASKS		PERCENT MEMBERS PERFORMING (N=19)
A0025	Participate in general or specialized mission briefings	100
A0036	Review emergency procedures	95
C0309	Maintain logs, such as in-flight or maintenance	95
A0022	Obtain classified materials or documents	95
B0043	Operate high-frequency (HF) voice systems	95
B0091	Operate Have Quick systems	95
A0024	Obtain and secure COMSEC material	95
B0214	Operate identification friend or foe (IFF) systems	95
A0018	Review Air Force Technical Order (AFTO) Forms 781 (Aircraft Discrepancy, Inspection, and Maintenance Records)	95
C0319	Perform authentication procedures	95
A0026	Participate in premission briefings, other than conducting	89
B0049	Operate ultra high-frequency (UHF) satellite communications (SATCOM) voice systems	89
A0028	Perform preflight inspections, other than life support inspections	89
C0331	Perform postflight inspections	89
G0487	Destroy COMSEC or classified materials or documents	89
A0013	Determine mission communications requirements	89
A0016	Establish communications security (COMSEC) requirements	89
A0030	Perform premission requirements, such as reviewing FCIFs, MORFs, MCIFs, general information files, or annotating flight orders	89
A0039	Secure personal equipment on aircraft during preflight	89
B0202	Operate tactical air navigation (TACAN) systems	89
A0037	Review or update isolated personnel report (ISOPREP) cards	89
C0325	Perform in-flight checklist procedures	84
G0483	Build or prepare COMSEC materials	84
D0377	Prepare personal clothing or equipment for deployment	84
A0003	Assemble professional or personal flight gear	84
A0021	Maintain current status of flight manuals, safety and operational supplements, or flight crew checklists	84
B0151	Operate direction finding (DF) equipment	84
A0002	Assemble communications kits	84
C0337	Practice or perform emergency procedures	84
C0304	Decode or encode messages manually	84
B0215	Troubleshoot IFF systems	84
B0092	Troubleshoot Have Quick systems	84
C0321	Perform emergency destruct procedures	84
B0044	Troubleshoot HF voice systems	84
A0035	Review aircrew currency requirements	79
E0430	Maintain aircrew currency requirements	79
A0029	Perform preflight life support inspections	79
D0373	Prepare evasive plans of action (EPAs)	79
B0280	Operate oxygen systems	79
D0354	Operate portable radios	79
B0073	Operate commercial-band UHF/very high-frequency (VHF) transmitters	74
B0079	Operate VHF AM systems	74

* Average Number of Tasks Performed – 118

TABLE 66

REPRESENTATIVE TASKS PERFORMED BY RIVET JOINT PERSONNEL

TASKS		PERCENT MEMBERS PERFORMING (N=62)
B0137	Troubleshoot collection receiver systems	87
B0143	Troubleshoot computer systems	85
A0026	Participate in premission briefings, other than conducting	85
B0128	Troubleshoot digital data distribution systems, such as LANs or buses	85
B0146	Troubleshoot recording systems	85
A0038	Secure mission equipment on aircraft during preflight	84
B0217	Operate test equipment	84
B0288	Remove or replace circuit card assemblies	84
B0131	Troubleshoot data switches or hubs	84
C0325	Perform in-flight checklist procedures	82
B0142	Operate computer systems	82
A0039	Secure personal equipment on aircraft during preflight	82
B0144	Repair computer systems	82
B0129	Repair digital data distribution systems, such as LANs or buses	82
B0147	Repair recording systems	82
A0018	Review Air Force Technical Order (AFTO) Forms 781 (Aircraft Discrepancy, Inspection, and Maintenance Records)	81
A0011	Determine aircraft status	81
A0036	Review emergency procedures	81
A0031	Perform initialization of mission systems	81
A0030	Perform premission requirements, such as reviewing FCIFs, MORFs, MCIFs, general information files, or annotating flight orders	81
B0138	Repair collection receiver systems	81
B0218	Troubleshoot test equipment	81
B0152	Troubleshoot DF equipment	81
A0028	Perform preflight inspections, other than life support inspections	79
B0132	Repair data switches or hubs	79
B0197	Troubleshoot AC or DC electrical systems	77
B0127	Operate digital data distribution systems, such as local area networks (LANs) or buses	77
B0170	Troubleshoot RF distribution systems	77
B0153	Repair DF equipment	77
C0337	Practice or perform emergency procedures	76
B0233	Troubleshoot IF switching systems	76
B0230	Troubleshoot video systems	76
A0025	Participate in general or specialized mission briefings	76
B0171	Repair RF distribution systems	76
C0328	Perform operational checkouts of aircraft mission systems after maintenance	74
A0014	Determine and perform alternate procedures or work-arounds for malfunctioning equipment	74
B0149	Troubleshoot signal analysis equipment	73
A0037	Review or update isolated personnel report (ISOPREP) cards	73
B0231	Repair video systems	73
B0167	Troubleshoot patch panels	71
B0130	Operate data switches or hubs	71
B0125	Troubleshoot JTIDSs	71

* Average Number of Tasks Performed – 163

TABLE 67

REPRESENTATIVE TASKS PERFORMED BY SENIOR SCOUT PERSONNEL

TASKS		PERCENT MEMBERS PERFORMING (N=16)
A0018	Review Air Force Technical Order (AFTO) Forms 781 (Aircraft Discrepancy, Inspection, and Maintenance Records)	100
A0036	Review emergency procedures	100
C0337	Practice or perform emergency procedures	100
B0196	Operate alternating current (AC) or direct current (DC) electrical systems	100
A0038	Secure mission equipment on aircraft during preflight	100
B0170	Troubleshoot RF distribution systems	100
B0288	Remove or replace circuit card assemblies	100
B0197	Troubleshoot AC or DC electrical systems	100
C0325	Perform in-flight checklist procedures	94
C0309	Maintain logs, such as in-flight or maintenance	94
A0030	Perform premission requirements, such as reviewing FCIFs, MORFs, MCIFs, general information files, or annotating flight orders	94
B0143	Troubleshoot computer systems	94
A0039	Secure personal equipment on aircraft during preflight	94
B0137	Troubleshoot collection receiver systems	94
B0152	Troubleshoot DF equipment	94
A0037	Review or update isolated personnel report (ISOPREP) cards	94
B0217	Operate test equipment	94
C0313	Operate emergency equipment	94
B0128	Troubleshoot digital data distribution systems, such as LANs or buses	94
B0050	Troubleshoot UHF SATCOM voice systems	94
B0224	Troubleshoot TIBSs	94
C0335	Position and connect aerospace ground equipment (AGE)	94
B0044	Troubleshoot HF voice systems	94
B0200	Troubleshoot audio switching systems	94
C0321	Perform emergency destruct procedures	94
D0351	Fire weapons, such as 9mm handguns or M-16 rifles	94
A0031	Perform initialization of mission systems	88
B0287	Remove or reinstall aircraft access plates, panels, or flooring	88
B0282	Operate software	88
B0142	Operate computer systems	88
A0028	Perform preflight inspections, other than life support inspections	88
C0331	Perform postflight inspections	88
B0193	Operate lighting systems	88
C0330	Perform operational tests of program software after modifications	88
A0023	Obtain specialized mission equipment, such as audio tapes, communications kits, hard drives, optical disks, test equipment, video tapes, time modules, or tool kits	88
H0523	Inventory equipment, tools, parts, or supplies, communications kits, or in-flight spare parts kits	88
A0026	Participate in premission briefings, other than conducting	88
B0189	Repair cooling systems	88
A0025	Participate in general or specialized mission briefings	88
B0169	Operate radio frequency (RF) distribution systems	88
B0146	Troubleshoot recording systems	88

* Average Number of Tasks Performed – 210

TABLE 68

REPRESENTATIVE TASKS PERFORMED BY SPECIAL AIR MISSIONS PERSONNEL

TASKS		PERCENT MEMBERS PERFORMING (N=48)
B0049	Operate ultra high-frequency (UHF) satellite communications (SATCOM) voice systems	98
A0024	Obtain and secure COMSEC material	96
B0055	Operate international maritime satellite (INMARSAT) systems	94
B0050	Troubleshoot UHF SATCOM voice systems	94
C0325	Perform in-flight checklist procedures	92
A0030	Perform premission requirements, such as reviewing FCIFs, MORFs, MCIFs, general information files, or annotating flight orders	92
B0043	Operate high-frequency (HF) voice systems	92
B0106	Operate facsimile (fax) systems	90
A0028	Perform preflight inspections, other than life support inspections	90
A0008	Coordinate mission requirements, other than software requirements, with appropriate agencies	90
A0039	Secure personal equipment on aircraft during preflight	90
A0037	Review or update isolated personnel report (ISOPREP) cards	90
B0103	Operate UHF SATCOM data systems	88
B0107	Troubleshoot fax systems	88
B0056	Troubleshoot INMARSAT systems	88
G0487	Destroy COMSEC or classified materials or documents	88
A0013	Determine mission communications requirements	85
B0064	Operate terrestrial aeronautical radio/telephone systems (TARSSs)	83
A0022	Obtain classified materials or documents	83
A0036	Review emergency procedures	83
B0044	Troubleshoot HF voice systems	83
B0172	Operate secure telephone units (STUs)	81
A0025	Participate in general or specialized mission briefings	81
A0018	Review Air Force Technical Order (AFTO) Forms 781 (Aircraft Discrepancy, Inspection, and Maintenance Records)	81
B0190	Operate cryptographic loading devices	79
C0320	Perform crew coordination activities	79
B0104	Troubleshoot UHF SATCOM data systems	79
C0309	Maintain logs, such as in-flight or maintenance	77
A0021	Maintain current status of flight manuals, safety and operational supplements, or flight crew checklists	77
A0026	Participate in premission briefings, other than conducting	77
A0014	Determine and perform alternate procedures or work-arounds for malfunctioning equipment	77
B0173	Troubleshoot STUs	77
C0313	Operate emergency equipment	77
E0430	Maintain aircrew currency requirements	75
A0035	Review aircrew currency requirements	75
B0082	Operate VHF frequency modulation (FM) systems	75
C0297	Coordinate communications traffic flow with distinguished visitors or contacts	73
B0220	Operate cryptographic systems	73
C0331	Perform postflight inspections	73
G0501	Maintain personal aircrew flight manuals or checklists	73

* Average Number of Tasks Performed – 129

TABLE 69

REPRESENTATIVE TASKS PERFORMED BY STAFF PERSONNEL

TASKS		PERCENT MEMBERS PERFORMING (N=4)
E0450	Write recommendations for awards or decorations	100
F0465	Determine training requirements	75
E0395	Counsel subordinates concerning personal matters	75
E0449	Write job or position descriptions	75
E0452	Write staff studies, surveys, or routine reports, other than training or inspection reports	75
E0426	Inspect personnel for compliance with military standards	75
E0417	Evaluate personnel for compliance with performance standards	75
E0390	Conduct self-inspections or self-assessments	75
F0470	Develop or procure training materials or aids	50
F0468	Develop training programs, plans, or procedures	50
E0428	Interpret policies, directives, or procedures for subordinates	50
G0515	Write minutes of briefings, conferences, or meetings	50
E0397	Determine or establish work assignments or priorities	50
E0388	Conduct general meetings, such as staff meetings, briefings, conferences, or workshops	50
F0455	Administer or score tests	50
E0418	Evaluate personnel for promotion, demotion, reclassification, or special awards	50
E0404	Develop or establish work methods or procedures	50
E0406	Draft budget requirements	50
E0405	Develop or establish work schedules	50
E0444	Review budget requirements	50
F0472	Evaluate effectiveness of training programs, plans, or procedures	50
F0476	Maintain training records or files	50
F0473	Evaluate progress of trainees	50
E0409	Establish organizational policies, such as operating instructions (OIs) or standard operating procedures (SOPs)	50
E0383	Analyze technical reports	50
G0493	Initiate requests for TDY orders	50
F0456	Brief personnel concerning training programs or matters	50
E0414	Evaluate inspection report findings or inspection procedures	50
F0479	Prepare job qualification standards (JQSs)	50
G0508	Prepare crew travel vouchers	50
E0454	Write or indorse military enlisted performance reports (EPRs)	50
G0501	Maintain personal aircrew flight manuals or checklists	50
A0021	Maintain current status of flight manuals, safety and operational supplements, or flight crew checklists	50
A0026	Participate in premission briefings, other than conducting	50
A0028	Perform preflight inspections, other than life support inspections	50
A0031	Perform initialization of mission systems	50
A0035	Review aircrew currency requirements	50
F0469	Develop written tests	25
F0467	Develop formal course curricula, plans of instruction (POIs), or specialty training standards (STSs)	25
G0496	Maintain administrative files	25
E0411	Establish performance standards for subordinates	25

* Average Number of Tasks Performed – 73

TABLE 70

REPRESENTATIVE TASKS PERFORMED BY TECHNICAL TRAINING PERSONNEL

TASKS		PERCENT MEMBERS PERFORMING (N=7)
F0455	Administer or score tests	86
F0464	Counsel trainees on training progress	86
F0459	Conduct formal course classroom training	71
E0426	Inspect personnel for compliance with military standards	71
F0473	Evaluate progress of trainees	71
F0470	Develop or procure training materials or aids	71
F0467	Develop formal course curricula, plans of instruction (POIs), or specialty training standards (STSs)	57
F0469	Develop written tests	57
F0468	Develop training programs, plans, or procedures	57
G0496	Maintain administrative files	57
E0405	Develop or establish work schedules	57
F0472	Evaluate effectiveness of training programs, plans, or procedures	57
E0395	Counsel subordinates concerning personal matters	57
F0476	Maintain training records or files	57
F0457	Complete student entry or withdrawal forms	57
F0456	Brief personnel concerning training programs or matters	57
E0397	Determine or establish work assignments or priorities	57
E0404	Develop or establish work methods or procedures	57
C0337	Practice or perform emergency procedures	43
C0325	Perform in-flight checklist procedures	43
A0039	Secure personal equipment on aircraft during preflight	43
E0417	Evaluate personnel for compliance with performance standards	43
F0475	Inspect training materials or aids for operation or suitability	43
F0474	Evaluate training methods or techniques of instructors	43
E0409	Establish organizational policies, such as operating instructions (OIs) or standard operating procedures (SOPs)	43
E0454	Write or indorse military enlisted performance reports (EPRs)	43
E0450	Write recommendations for awards or decorations	43
E0385	Assign personnel to work areas or duty positions	43
A0038	Secure mission equipment on aircraft during preflight	29
A0026	Participate in premission briefings, other than conducting	29
E0421	Implement safety or security programs	29
E0415	Evaluate job hazards or compliance with Air Force Occupational Safety and Health (AFOSH) program	29
B0128	Troubleshoot digital data distribution systems, such as LANs or buses	14
B0131	Troubleshoot data switches or hubs	14
B0129	Repair digital data distribution systems, such as LANs or buses	14

* Average Number of Tasks Performed – 67

TABLE 71

TIME SPENT ON DUTIES BASED ON LEVEL OF QUALIFICATION
(PERCENT RESPONDING)

DUTIES	AIRCREW EXAMINER (N=86)	AIRCREW INSTRUCTOR (N=143)	AIRCREW MEMBER (N=217)	NON- AIRCREW (N=20)
A PERFORMING MISSION PLANNING, PREMISSION, OR PREFLIGHT ACTIVITIES	15	16	20	16
B PERFORMING OPERATIONS OR MAINTENANCE OF COMMUNICATIONS OR ELECTRONICS SYSTEMS	35	42	46	33
C PERFORMING GENERAL AIRBORNE COMMUNICATIONS OR MISSION SYSTEMS ACTIVITIES	13	12	13	9
D PERFORMING MOBILITY AND CONTINGENCY ACTIVITIES	5	5	6	7
E PERFORMING MANAGEMENT AND SUPERVISORY ACTIVITIES	14	9	8	19
F PERFORMING TRAINING ACTIVITIES	9	8	1	10
G PERFORMING GENERAL ADMINISTRATIVE AND TECHNICAL ORDER (TO) SYSTEM ACTIVITIES	7	6	5	4
H PERFORMING GENERAL SUPPLY AND EQUIPMENT ACTIVITIES	2	2	1	2

TABLE 72

REPRESENTATIVE TASKS PERFORMED BY AIRCREW EXAMINER PERSONNEL

TASKS		PERCENT MEMBERS PERFORMING (N=86)
A0030	Perform premission requirements, such as reviewing FCIFs, MORFs, MCIFs, general information files, or annotating flight orders	97
A0036	Review emergency procedures	95
A0018	Review Air Force Technical Order (AFTO) Forms 781 (Aircraft Discrepancy, Inspection, and Maintenance Records)	95
C0326	Perform in-flight evaluator duties	94
C0327	Perform in-flight instructor duties	93
C0325	Perform in-flight checklist procedures	92
A0028	Perform preflight inspections, other than life support inspections	92
A0026	Participate in premission briefings, other than conducting	92
C0337	Practice or perform emergency procedures	91
A0025	Participate in general or specialized mission briefings	90
C0328	Perform operational checkouts of aircraft mission systems after maintenance	87
E0430	Maintain aircrew currency requirements	86
C0320	Perform crew coordination activities	86
A0035	Review aircrew currency requirements	86
A0039	Secure personal equipment on aircraft during preflight	86
A0031	Perform initialization of mission systems	85
C0309	Maintain logs, such as in-flight or maintenance	85
A0021	Maintain current status of flight manuals, safety and operational supplements, or flight crew checklists	84
A0014	Determine and perform alternate procedures or work-arounds for malfunctioning equipment	84
C0313	Operate emergency equipment	84
F0462	Conduct mission qualification training (MQT)	83
A0022	Obtain classified materials or documents	83
A0038	Secure mission equipment on aircraft during preflight	83
C0321	Perform emergency destruct procedures	80
E0417	Evaluate personnel for compliance with performance standards	78
G0501	Maintain personal aircrew flight manuals or checklists	78
A0037	Review or update isolated personnel report (ISOPREP) cards	78
F0473	Evaluate progress of trainees	77
B0049	Operate ultra high-frequency (UHF) satellite communications (SATCOM) voice systems	77
F0458	Conduct continuation training (CT)	77
A0011	Determine aircraft status	77
C0329	Perform operational checkouts of aircraft mission systems after modifications	77
C0314	Operate life support systems	77
C0331	Perform postflight inspections	76
F0460	Conduct ground training	76
B0044	Troubleshoot HF voice systems	76
E0387	Complete records of evaluations	74
A0003	Assemble professional or personal flight gear	74
F0455	Administer or score tests	73
B0050	Troubleshoot UHF SATCOM voice systems	73

* Average Number of Tasks Performed – 171

TABLE 73

REPRESENTATIVE TASKS PERFORMED BY AIRCREW INSTRUCTOR PERSONNEL

TASKS		PERCENT MEMBERS PERFORMING (N=143)
A0030	Perform premission requirements, such as reviewing FCIFs, MORFs, MCIFs, general information files, or annotating flight orders	89
C0327	Perform in-flight instructor duties	88
A0028	Perform preflight inspections, other than life support inspections	87
A0039	Secure personal equipment on aircraft during preflight	86
C0325	Perform in-flight checklist procedures	84
A0036	Review emergency procedures	83
A0025	Participate in general or specialized mission briefings	83
A0022	Obtain classified materials or documents	82
A0018	Review Air Force Technical Order (AFTO) Forms 781 (Aircraft Discrepancy, Inspection, and Maintenance Records)	81
B0050	Troubleshoot UHF SATCOM voice systems	80
B0044	Troubleshoot HF voice systems	79
C0320	Perform crew coordination activities	78
B0049	Operate ultra high-frequency (UHF) satellite communications (SATCOM) voice systems	78
F0464	Counsel trainees on training progress	78
A0026	Participate in premission briefings, other than conducting	78
B0043	Operate high-frequency (HF) voice systems	77
C0309	Maintain logs, such as in-flight or maintenance	76
B0190	Operate cryptographic loading devices	76
A0014	Determine and perform alternate procedures or work-arounds for malfunctioning equipment	76
C0313	Operate emergency equipment	76
C0337	Practice or perform emergency procedures	74
A0003	Assemble professional or personal flight gear	74
A0031	Perform initialization of mission systems	73
A0021	Maintain current status of flight manuals, safety and operational supplements, or flight crew checklists	73
A0038	Secure mission equipment on aircraft during preflight	73
E0430	Maintain aircrew currency requirements	72
A0024	Obtain and secure COMSEC material	71
B0083	Troubleshoot VHF FM systems	70
C0328	Perform operational checkouts of aircraft mission systems after maintenance	70
F0461	Conduct initial qualification training (IQT)	69
F0462	Conduct mission qualification training (MQT)	69
C0321	Perform emergency destruct procedures	69
B0082	Operate VHF frequency modulation (FM) systems	68
B0080	Troubleshoot VHF AM systems	68
A0037	Review or update isolated personnel report (ISOPREP) cards	68
B0221	Troubleshoot cryptographic systems	67
B0220	Operate cryptographic systems	66
G0487	Destroy COMSEC or classified materials or documents	66
A0011	Determine aircraft status	66
D0351	Fire weapons, such as 9mm handguns or M-16 rifles	66
F0463	Conduct on-the-job training (OJT)	65

* Average Number of Tasks Performed – 146

TABLE 74

REPRESENTATIVE TASKS PERFORMED BY AIRCREW MEMBER PERSONNEL

TASKS		PERCENT MEMBERS PERFORMING (N=217)
A0030	Perform premission requirements, such as reviewing FCIFs, MORFs, MCIFs, general information files, or annotating flight orders	90
C0325	Perform in-flight checklist procedures	85
A0036	Review emergency procedures	85
A0039	Secure personal equipment on aircraft during preflight	83
A0028	Perform preflight inspections, other than life support inspections	81
A0025	Participate in general or specialized mission briefings	79
A0018	Review Air Force Technical Order (AFTO) Forms 781 (Aircraft Discrepancy, Inspection, and Maintenance Records)	78
A0026	Participate in premission briefings, other than conducting	76
B0190	Operate cryptographic loading devices	74
A0003	Assemble professional or personal flight gear	74
B0050	Troubleshoot UHF SATCOM voice systems	74
C0337	Practice or perform emergency procedures	73
A0038	Secure mission equipment on aircraft during preflight	73
B0043	Operate high-frequency (HF) voice systems	72
A0014	Determine and perform alternate procedures or work-arounds for malfunctioning equipment	72
B0044	Troubleshoot HF voice systems	72
A0031	Perform initialization of mission systems	71
C0309	Maintain logs, such as in-flight or maintenance	71
B0049	Operate ultra high-frequency (UHF) satellite communications (SATCOM) voice systems	71
A0022	Obtain classified materials or documents	71
A0024	Obtain and secure COMSEC material	69
C0313	Operate emergency equipment	69
E0430	Maintain aircrew currency requirements	64
B0079	Operate VHF AM systems	64
C0321	Perform emergency destruct procedures	64
A0037	Review or update isolated personnel report (ISOPREP) cards	63
C0320	Perform crew coordination activities	62
B0080	Troubleshoot VHF AM systems	62
A0021	Maintain current status of flight manuals, safety and operational supplements, or flight crew checklists	61
A0035	Review aircrew currency requirements	60
C0314	Operate life support systems	60
D0351	Fire weapons, such as 9mm handguns or M-16 rifles	60
B0220	Operate cryptographic systems	59
B0070	Operate UHF amplitude modulation (AM) voice systems	59
D0377	Prepare personal clothing or equipment for deployment	59
B0071	Troubleshoot UHF AM voice systems	59
B0082	Operate VHF frequency modulation (FM) systems	59
B0191	Troubleshoot cryptographic loading devices	59
C0317	Participate in postmission debriefings	58
B0184	Operate aircraft audio distribution systems (ADSs), such as public address (PA) systems or interphones	58

* Average Number of Tasks Performed – 115

TABLE 75

REPRESENTATIVE TASKS PERFORMED BY NON-AIRCREW PERSONNEL

TASKS		PERCENT MEMBERS PERFORMING (N=20)
A0018	Review Air Force Technical Order (AFTO) Forms 781 (Aircraft Discrepancy, Inspection, and Maintenance Records)	45
C0325	Perform in-flight checklist procedures	45
C0337	Practice or perform emergency procedures	45
A0039	Secure personal equipment on aircraft during preflight	40
A0011	Determine aircraft status	40
A0026	Participate in premission briefings, other than conducting	40
A0036	Review emergency procedures	35
A0030	Perform premission requirements, such as reviewing FCIFs, MORFs, MCIFs, general information files, or annotating flight orders	35
A0038	Secure mission equipment on aircraft during preflight	35
B0197	Troubleshoot AC or DC electrical systems	35
A0031	Perform initialization of mission systems	35
B0146	Troubleshoot recording systems	35
B0142	Operate computer systems	35
B0128	Troubleshoot digital data distribution systems, such as LANs or buses	35
B0080	Troubleshoot VHF AM systems	35
C0313	Operate emergency equipment	35
B0147	Repair recording systems	35
B0288	Remove or replace circuit card assemblies	35
B0217	Operate test equipment	35
C0331	Perform postflight inspections	35
B0221	Troubleshoot cryptographic systems	35
B0131	Troubleshoot data switches or hubs	30
G0515	Write minutes of briefings, conferences, or meetings	30
B0143	Troubleshoot computer systems	30
A0028	Perform preflight inspections, other than life support inspections	30
E0404	Develop or establish work methods or procedures	30
D0351	Fire weapons, such as 9mm handguns or M-16 rifles	30
A0037	Review or update isolated personnel report (ISOPREP) cards	30
D0349	Don or doff chemical warfare personal protective clothing	30
B0188	Troubleshoot cooling systems	30
B0155	Troubleshoot data encryption devices	30
C0317	Participate in postmission debriefings	30
E0405	Develop or establish work schedules	25
E0388	Conduct general meetings, such as staff meetings, briefings, conferences, or workshops	25
D0354	Operate portable radios	25
F0459	Conduct formal course classroom training	25
A0003	Assemble professional or personal flight gear	25
E0426	Inspect personnel for compliance with military standards	25
E0395	Counsel subordinates concerning personal matters	25
E0449	Write job or position descriptions	25
B0167	Troubleshoot patch panels	25
D0377	Prepare personal clothing or equipment for deployment	25
A0035	Review aircrew currency requirements	25

* Average Number of Tasks Performed – 63

TABLE 76

TIME SPENT ON DUTIES BY AD 1A351 CONUS AND OVERSEAS MEMBERS
(PERCENT RESPONDING)

DUTIES	1A351 CONUS (N=177)	1A351 OVERSEAS (N=49)
A PERFORMING MISSION PLANNING, PREMISSION, OR PREFLIGHT ACTIVITIES	18	17
B PERFORMING OPERATIONS OR MAINTENANCE OF COMMUNICATIONS OR ELECTRONICS SYSTEMS	44	48
C PERFORMING GENERAL AIRBORNE COMMUNICATIONS OR MISSION SYSTEMS ACTIVITIES	13	11
D PERFORMING MOBILITY AND CONTINGENCY ACTIVITIES	6	5
E PERFORMING MANAGEMENT AND SUPERVISORY ACTIVITIES	7	8
F PERFORMING TRAINING ACTIVITIES	5	4
G PERFORMING GENERAL ADMINISTRATIVE AND TECHNICAL ORDER (TO) SYSTEM ACTIVITIES	5	6
H PERFORMING GENERAL SUPPLY AND EQUIPMENT ACTIVITIES	2	1

TABLE 77

REPRESENTATIVE TASKS PERFORMED BY AD AFSC 1A351 CONUS PERSONNEL

TASKS		PERCENT MEMBERS PERFORMING (N=177)
A0039	Secure personal equipment on aircraft during preflight	84
C0325	Perform in-flight checklist procedures	82
A0030	Perform premission requirements, such as reviewing FCIFs, MORFs, MCIFs, general information files, or annotating flight orders	81
A0028	Perform preflight inspections, other than life support inspections	78
A0036	Review emergency procedures	77
A0018	Review Air Force Technical Order (AFTO) Forms 781 (Aircraft Discrepancy, Inspection, and Maintenance Records)	75
A0025	Participate in general or specialized mission briefings	75
A0026	Participate in premission briefings, other than conducting	73
A0038	Secure mission equipment on aircraft during preflight	72
C0337	Practice or perform emergency procedures	69
A0022	Obtain classified materials or documents	69
A0003	Assemble professional or personal flight gear	68
C0313	Operate emergency equipment	68
A0014	Determine and perform alternate procedures or work-arounds for malfunctioning equipment	67
A0031	Perform initialization of mission systems	66
B0050	Troubleshoot UHF SATCOM voice systems	66
C0309	Maintain logs, such as in-flight or maintenance	65
B0044	Troubleshoot HF voice systems	65
C0320	Perform crew coordination activities	63
B0049	Operate ultra high-frequency (UHF) satellite communications (SATCOM) voice systems	63
B0043	Operate high-frequency (HF) voice systems	63
A0037	Review or update isolated personnel report (ISOPREP) cards	63
B0190	Operate cryptographic loading devices	62
E0430	Maintain aircrew currency requirements	62
A0024	Obtain and secure COMSEC material	62
A0021	Maintain current status of flight manuals, safety and operational supplements, or flight crew checklists	62
C0321	Perform emergency destruct procedures	60
B0083	Troubleshoot VHF FM systems	59
D0377	Prepare personal clothing or equipment for deployment	59
A0023	Obtain specialized mission equipment, such as audio tapes, communications kits, hard drives, optical disks, test equipment, video tapes, time modules, or tool kits	59
C0314	Operate life support systems	59
B0080	Troubleshoot VHF AM systems	58
A0011	Determine aircraft status	57
B0082	Operate VHF frequency modulation (FM) systems	57
D0351	Fire weapons, such as 9mm handguns or M-16 rifles	57
C0328	Perform operational checkouts of aircraft mission systems after maintenance	56
B0079	Operate VHF AM systems	56
B0221	Troubleshoot cryptographic systems	56

* Average Number of Tasks Performed - 116

TABLE 78

REPRESENTATIVE TASKS PERFORMED BY AD AFSC 1A351 OVERSEAS PERSONNEL

TASKS		PERCENT MEMBERS PERFORMING (N=49)
B0190	Operate cryptographic loading devices	90
A0028	Perform preflight inspections, other than life support inspections	90
B0050	Troubleshoot UHF SATCOM voice systems	90
B0044	Troubleshoot HF voice systems	90
A0018	Review Air Force Technical Order (AFTO) Forms 781 (Aircraft Discrepancy, Inspection, and Maintenance Records)	90
A0030	Perform premission requirements, such as reviewing FCIFs, MORFs, MCIFs, general information files, or annotating flight orders	88
C0325	Perform in-flight checklist procedures	84
B0049	Operate ultra high-frequency (UHF) satellite communications (SATCOM) voice systems	82
B0043	Operate high-frequency (HF) voice systems	82
A0025	Participate in general or specialized mission briefings	82
A0036	Review emergency procedures	82
A0014	Determine and perform alternate procedures or work-arounds for malfunctioning equipment	80
B0080	Troubleshoot VHF AM systems	80
A0039	Secure personal equipment on aircraft during preflight	80
A0026	Participate in premission briefings, other than conducting	78
B0079	Operate VHF AM systems	76
C0337	Practice or perform emergency procedures	73
A0038	Secure mission equipment on aircraft during preflight	73
B0191	Troubleshoot cryptographic loading devices	73
B0163	Operate wideband secure voice (WBSV) cryptographic systems	71
C0309	Maintain logs, such as in-flight or maintenance	71
B0040	Operate high-power transmitters	71
A0021	Maintain current status of flight manuals, safety and operational supplements, or flight crew checklists	71
B0164	Troubleshoot WBSV cryptographic systems	71
B0071	Troubleshoot UHF AM voice systems	71
B0092	Troubleshoot Have Quick systems	71
A0031	Perform initialization of mission systems	69
A0035	Review aircrew currency requirements	69
B0070	Operate UHF amplitude modulation (AM) voice systems	67
A0022	Obtain classified materials or documents	67
B0041	Troubleshoot high-power transmitters	67
A0003	Assemble professional or personal flight gear	67
B0161	Troubleshoot NBSV cryptographic systems	67
A0001	Annotate mission planning forms	67
C0314	Operate life support systems	67
B0220	Operate cryptographic systems	65
A0024	Obtain and secure COMSEC material	65
B0154	Operate data encryption devices	65
D0377	Prepare personal clothing or equipment for deployment	65
B0091	Operate Have Quick systems	63
B0119	Troubleshoot TADILs	63

* Average Number of Tasks Performed - 123

TABLE 79

TIME SPENT ON DUTIES BY MAJCOM MEMBERS
(PERCENT RESPONDING)

DUTIES	1A3X1 AETC (N=11)	1A3X1 ACC (N=233)	1A3X1 PACAF (N=18)	1A3X1 EUR (N=19)
A PERFORMING MISSION PLANNING, PREMISSION, OR PREFLIGHT ACTIVITIES	9	19	20	18
B PERFORMING OPERATIONS OR MAINTENANCE OF COMMUNICATIONS OR ELECTRONICS SYSTEMS	17	41	45	42
C PERFORMING GENERAL AIRBORNE COMMUNICATIONS OR MISSION SYSTEMS ACTIVITIES	9	12	11	13
D PERFORMING MOBILITY AND CONTINGENCY ACTIVITIES	2	6	5	5
E PERFORMING MANAGEMENT AND SUPERVISORY ACTIVITIES	24	9	8	11
F PERFORMING TRAINING ACTIVITIES	28	5	4	4
G PERFORMING GENERAL ADMINISTRATIVE AND TECHNICAL ORDER (TO) SYSTEM ACTIVITIES	9	5	5	5
H PERFORMING GENERAL SUPPLY AND EQUIPMENT ACTIVITIES	2	1	1	1